SERVICE MANUAL



US Model Canadian Model

AEP Model UK Model E Model Australian Model D-T40

Discman

SPECIFICATIONS

CD section

Laser diode properties

Frequency response

Frequency range

Antennas

General

Power requirements

Weight

Dimension

Supplied accessories

Compact disc digital audio system

Material: GaAlAs Wavelength: 780 nm Emission duration: Continuous

Laser output: Less than $44.6 \,\mu\text{W}$ (This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block.) $20-20,000\,\mathrm{Hz^{-1}_3\,dB}$

Line output (stereo minijack)
Output level 1 V rms at 47 kilohms

Load impedance over 10 kilohms Headphones (stereo minijack) 9 mW + 9 mW at 32 ohms

FM: 87.6-108MHz (US, Canadian, UK, E, Australian model)

87.6—107MHz (AEP, French model) 87.5—108MHz (Italian model) 530-1,605kHz (US, Canadian, UK, E, Australian model)

531-1,602kHz (AEP, French model) 526.5-1,606.5kHz (Italian model)

FM: Headphones cord or connecting cord antenna AM: Built-in ferrite bar antenna

Supplied:

• Rechargeable battery pack BP-3

DC in 9V jack accepts the Sony AC power adaptor

Where purchased	Operating voltage
US, Canadian	120V AC, 60Hz
UK, Australian	240V AC, 50Hz
AEP, French, Italian	220V AC, 50Hz
E TANKS	110-240V AC, 50/60Hz

Approx. $136 \times 38.5 \times 147 \,\mathrm{mm}$ ($5\% \times 1\%_{16} \times 5\%_{6} \,\mathrm{in}$) (wih/d) not incl. inclined part (depth), projecting parts and controls Approx. $137.5 \times 39.5 \times 149 \,\mathrm{mm}$ ($5\% \times 1\%_{16} \times 5\%_{6} \,\mathrm{in}$) (wih/d)

incl. projecting parts and controls Approx. 520 g (1 lb 2 oz) net

Approx. 700 g (1 lb 9 oz) incl. rechargeable battery pack AC power adaptor (1)

Rechargeable battery pack (1) Connecting cord (1) Carrying case (1)

Carrying belt (1) Headphone (1) (UK model) AC plug adaptor (1) (E model)

MICROFILM

Supplied battery pack (BP-3)

Output voltage Capacity Dimensions

Weight

1000 mA/h

Approx. 31.3×17.3×118.6 mm (11/x 11/4 × 43/4 in.) (w/h/d) Approx. 180 g (6²/₅ oz)

Charging time/Battery life

Charging time	Continuous disc playing time	Continuous radio reception
8 hours (fully charged)	approx. 4 hours	approx. 20 hours
5 hours (90% charged)	approx. 3.5 hours	

Notes on charging

For charging, use only the supplied AC power adaptor. If not, the player will be damaged. The CD player can also be operated during charging. In this case, approx. 24 hours are necessary for a full charge. However, when the CD player does not operate normally.

CAUTION

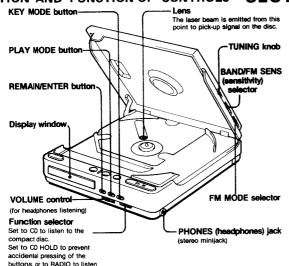
Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure,

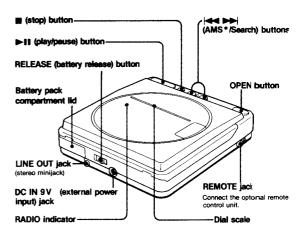
> FM/AM COMPACT DISC COMPACT PLAYER SONY

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LOCATION AND FUNCTION OF CONTROLS SECTION 1 GENERAL





*AMS is an abbreviation of Automatic Music Sensor.

SECTION 2 SERVICING NOTES

NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic breakdown because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body.

During repair, pay attention to electrostatic breakdown and also use the procedure in the printed matter which is included in the repair parts.

The flexible board is easily damaged and should be handled with care,

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK A OR DOTTED LINE WITH MARK ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE A SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COM-POSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

Before Replacing the Optical Block

Please be sure to check thoroughly the parameters as par the "Optical Block Checking Procedures" (Part No.: 9-960-027-11) issued separately before replacing the optical block. Note and specifications required to check are given below.

- FOK output: IC501 (9) pin

 When checking FOK, remove the lead wire to disc motor and unsolder and open IC801 (20) pin (FOK).
- S carve P-to-P value: 3Vp-p
 When checking S carve P-to-P value, remove the lead wire
 to disc motor.
- · Adjusted part for focus gain adjustment: RV50
- RF signal P-to-P value: 0.7 1,25Vp-p
- Traverse signal P-to-P value: 1.5Vp-p
- The repairing grating holder is impossible.
- Adjusted part for tracking gain adjustment: RV502

Flexible Circuit Board Repairing

- Keep the temperature of the soldering iron aro1 nd 270℃ during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

Notes on chip component replacement

- · Never reuse a disconnected chip component,
- Notice that the minus side of a tantalum capaci
 pr may be damaged by heat.

NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe more than 25cm away from the objective lens,

Laser Diode Check Procedure

The laser diode on this set will not emit unless the top panel is closed and S801 (leaf SW type) is turned on. The laser diode will always emit even if focus search is not performed in service mode.

The laser diode is checked using the current value which flows to the laser diode inside the optical pick-up block.

Procedure 1 (service mode or normal operation)

Check the laser diode emission with the eye.

- 1. Open upper panel.
- 2. S801 on as Fig. 1.

(In service mode, this operation is not necessary.)

3. Press the ▶ key.

(In service mode, this operation is not necessary.)

4. Observe the objective lens and confirm that the laser diode is emitting light. At this time, the laser diode goes on about 10 seconds due to focus serarch. If it does not, APC circuit or optical pick-up block is defective.

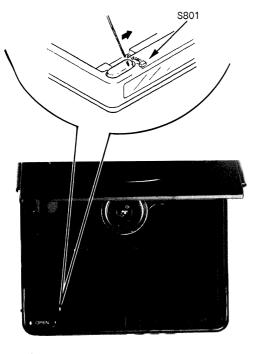


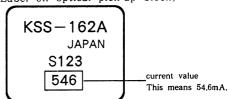
Fig.1 Turning S801 on

Procedrue 2 (service mode or normal operation)

Check by the current with flows in the laser diode.

- 1. Close the top panel.
- 2. Remove the main board and read the current value on the label affixed to the optical pick-up block.

(Label on optical pick-up block)



The current value varies with the set,

- 3. Connect a VOM as shown in Fig. 2.
- 4. Press the ▶ key.
- 5. Calculate the current by the VOM reading.

 VOM reading (V) ÷10=current (A)

 ex. VOM reading=0.56V

 $0.56 \div 10 = 0.056 \text{ (A)} = 56 \text{ (mA)}$

6. Confirm that the ammeter reading is within the range given below.

value on label± in mA (25°C)
variation relative to temperature: 0.4mA/°C
(Current increases when temperature rises and decreases when it drops,)

If the value is more than the range give, APC circuit has been defective or the laser diode has deteriorated. If it is less, APC circuit or optical pick-up block is defective.

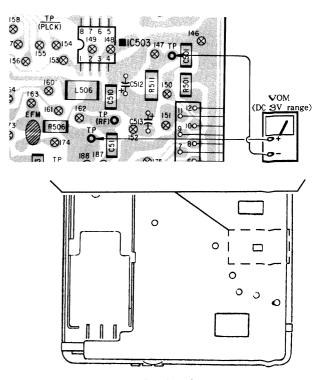


Fig.2 VOM Connection

SERVICE MODE (service program)

This set has built-in service program in the microcomputer as usual sets.

The operation method of service program is explained below.

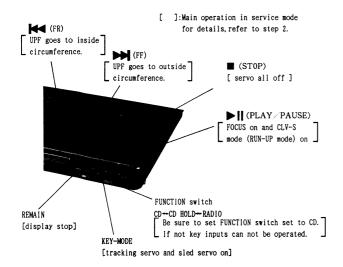


Fig.3 Key Positions

· Step 1 (Service Mode setting method)

- 2. Solder jumper TEST terminal. (IC801 pin (MCTEST) is grounded.)
- 3. Plug in external power supply.

 This puts the set into service mode.

· Step 2 (Service Mode operation)

- When service mode is set, the display will change 6 times, and those 6 changes will be repeated over and over.
 - With this the LCD display should be present in service mode. Even if LCD dose not display, other operations will be performed.
- 2. When ➤ or ★ key is pressed, the optical pick-up block moves to the inside or outside circumference. Tracking servo and sled servo go off when this is done, so press KEY-MODE to turn on the tracking servo if necessary.
- When REMAIN is pressed, the display stops. When REMAIN is released, the display continues to change. This allows check of each segment.
- 4. When ▶ I Key is pressed, CLV-S (pull-in mode) starts while performing focus search. When there is no disc installed, focus search is repeated several times while disc motor is rotating.
- 5. When KEY-MODE is pressed, tracking servo, sled servo and CLV-A (servo during PLAY) go ON.
- 6. When 4 and 5 are performed, the disc begins to play. At this time, the top panel should be closed and S801 are to be ON. A sound is not produced as muting is ON.
- All servo (focus, tracking, sled and spindle) go off when key is pressed.

· Step 3 (Service Mode release)

- 1. First be sure to unplug the external power supply, then remove the solder jumper TEST terminal.
- 2. The set will now operated normally.

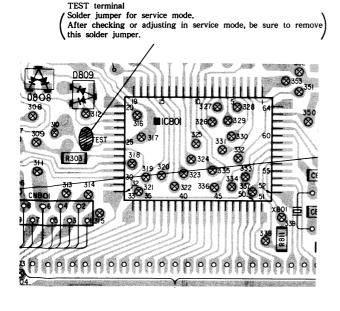
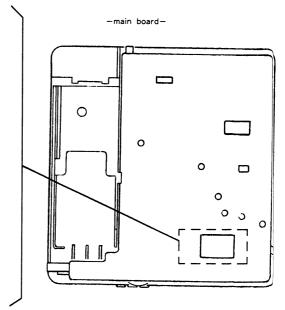


Fig.4 TEST terminal position



SECTION 3 ELECTRICAL ADJUSTMENTS

CD SECTION

Notes on Adjustment

- Perform adjustments except for RECHARGEABLE VOLTAGE ADJUSTMENT in service mode.
 Be sure to release service mode after completing
 - adjustment. (Refer to "Service Mode (service program)" on page 4.)
- 2. Perform adjustments in the order given.
- 3. Use YEDS-18 disc (part No.: 3-702-101-01) unless otherwise indicated.
- 4. Power supply voltage: DC 9V FUNCTION switch: CD

PREPARATION

Put the set into service mode (See page 4.) and perform the following checks. Repair if there are any abnormalities.

· Sled Motor Check

- 1. Press the OPEN button and open the top panel.
- 2. Press the ▶, ₩ keys and make sure that the optical pick-up block moves smoothly, without catching, from the inmost → outmost → inmost circumference,
 - ▶ : optical pick-up block moves outward
 - ₩: optical pick-up block moves inward

· Focus Search Check

- 1. Press the OPEN button and open the top panel.
- 2. Press the ▶ | key. (Focus search is performed continuously.)
- 3. Observe the optical pick-up block objective lens and check that it moves smoothly up and down with no catching or noises.
- 4. Press the key.

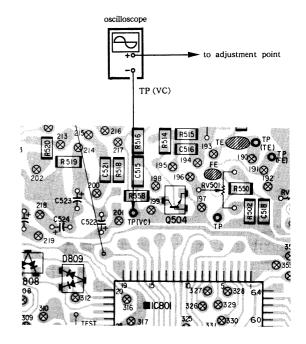
Check that focus search operation stops, If it does not, press the ■ key again.

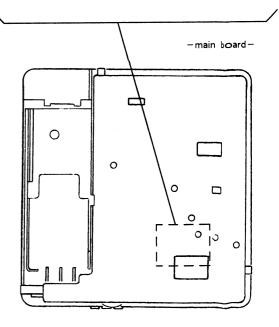
VC (1/2 Vcc) Connecting Point

FOCUS BIAS ADJUSTMENT

TRACKING BALANCE ADJUSTMENT

When the adjustments above are performed, connect the \bigcirc side of oscilloscope to the point below.



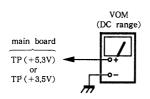


VC connecting point

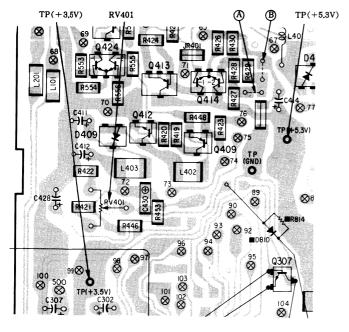
5.3V Adjustment

Adjustment Procedure:

- 1. Put the set into service mode (see page4).
- 2. Connect the VOM to main board test point TP(+5.3V).
- 3. Adjust RV401 for 5.2V-5.3V reading on the VOM.
- 4. After adjustment, release service mode (see page4).



Adjustment Location: main board



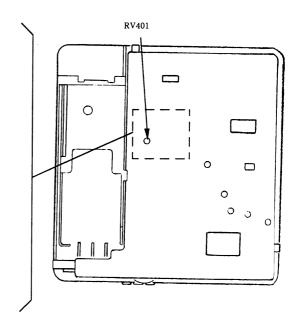
3.5V Adjustment

Adjustment Procedure:

- 1. Put the set into service mode (see page 4).
- 2. Connect the VOM to main board test point TP (+3.5V).
- 3. Adjust the pattern connection (A or B) to obtain 3.45V to 3.6V reading on the VOM.

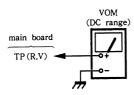
pattern connection		VOM reading
(A)	B	VOIVI reading
0	×	down
×	×	•
×	0	
0	0	up
O: short	×:open	

4. After adjustment, release service mode (see page 4).



Rechargeable Voltage Adjustment

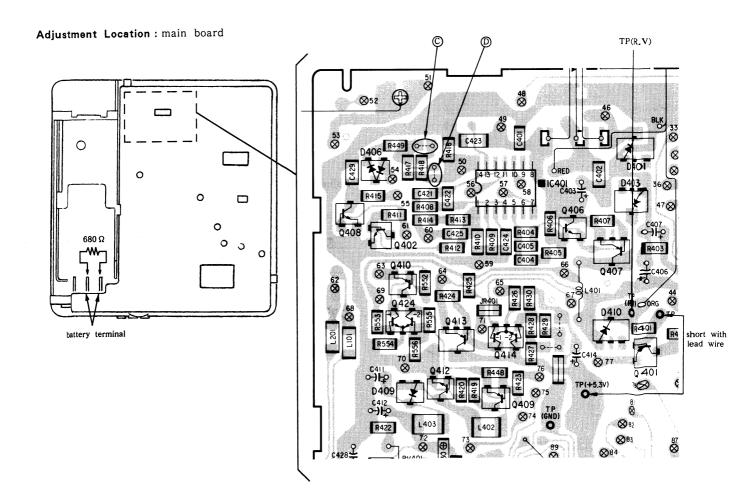
Adjustment Procedure:



- 1. Connect the VOM to main board test point TP(R,V).
- 2. Short between the Q401 base and GND, Connect a $680\,\Omega$ resistor between pin 2 and pin 3 of battery terminal as shown below.
- 3. Apply DC 9V with requrated dc power supply from external power jack CNJ401.
- 4. Adjust the pattern connection(\bigcirc or \bigcirc) to obtain 7.25 to 7.47V reading on the VOM.

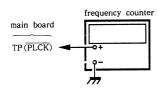
pattern	connection	VOM reading
С	D	VOIVI Teading
0	○ or ×	down
×	0	I
×	×	up
O:short	X: open	

Note: Measure after the VOM reading becomes stable.



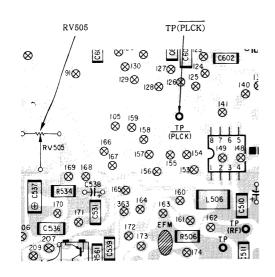
PLL Free Run Frequency Check and Adjustment

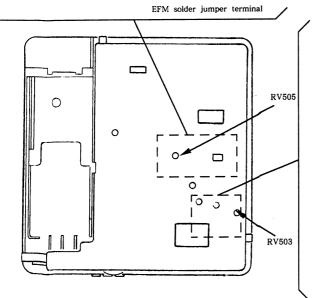
Check/Adjustment Procedure:



- Disconnect EFM solder jumper terminal in the diagram below
- 2. Connect a frequency counter to main board test point $TP(\overline{PLCK})$,
- 3. Put the set into service mode (See page 4).
- 4. Check that the frequency counter reading is 4.31 ± 0.01 MHz. If not, adjust RV505 so that it is 4.31 ± 0.01 MHz.
- 5. After adjustment, release service mode (see page 4).
- 6. Short the jumper terminal disconnected in step 1.

Check / Adjustment Location : main board



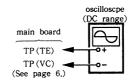


Tracking Balance Adjustment

Conditions:

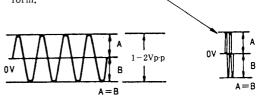
The set should be placed either horizontally.

Adjustment Procedure:



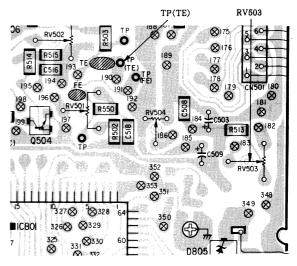
- 1. Connect the oscilloscope to main board TP(TE).
- 2. Put the set into service mode (See page 6.)
- 3. Press the ▶ and ★ keys to move the opticl pick-up block to the center.
- 4. Insert the disc (YEDS-18) and close the top panel.
- Press the ►|| key.
 It will go from focus search to focus on, and CLV pull-in mode state. Tracking and sled are OFF.
- 6. Adjust RV503 so that the oscilloscope wavaform is symmetrical on the top and bottom in relation to 0V.

Note: Take sweep time as long as possible to obtain best waveform.



- 7. Unplug the external power supply to stop spindle motor from rotating.
- 8. After adjustment, release service mode (see page 4).

Adjustment Location: main board

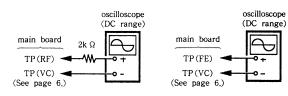


Focus Bias Adjustment

Conditions:

The set should be placed either horizontally.

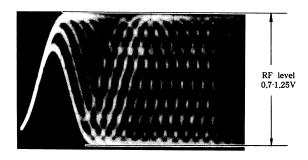
Adjustment Procedure:



- 1. Put the set into service mode (See page 4).
- 2. Connect the oscilloscope to main board test point
- 3. Press the M and K key to move the optical pick-up block to the center. (Move the optical pick-up block to the music area on the disc to enable easy visibility of the eye pattern).
- 4. Insert the disc (YEDS-18) and close the top panel.
- 5. Press the **I** key.
 - It will go from focus search to focus on, and CLV pull-in mode state. Tracking and sled are OFF.
- 6. Press the KEY-MODE button (Tracking and sled go ON.)
- 7. Adjust RV504 so that the oscilloscope waveform eye pattern is good. A good eye pattern means that the diamond shape (\$\infty\$) in the center of the waveform can be clearly distinguished.

• RF Signal Reference Waveform (eye pattern)

VOLT/DIV: 200mV TIME/DIV: 500nS



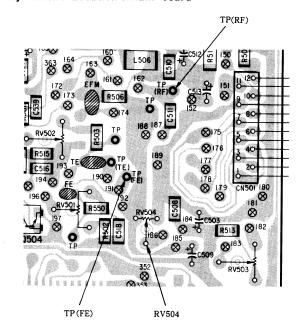
When observing the eye pattern, set the oscilloscope for AC range and raise vertical sensitivity.

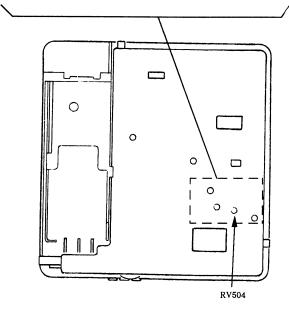
- 8. Unplug the external power supply to stop spindle motor from rotating.
- 9. Remove the disc and connect the oscilloscope to main board TP(FE).
- 10. Adjust RV503 again refering to the table followed.

voltage of TP (FE)	adjustment
more than +100mV	Not adjust again.
+50 to 100mV	Adjust RV503 again for +100mV reading on oscilloscpe.
less than +50mV	Not adjust again.

11. After adjustment, release service mode (see page 6).

Adjustment Location: main board





Focus/Tracking Gain Adjustment

A frequency responce analyzer or CD jig is necessary in order to perform this adjustment exactly.

However, this gain has a margin, so even if it is slightly off, there is no problem. Therefore, do not perfrom this adjustment.

Focus / tracking gain determines the pick-up followup (vertical and horizontal) relative to mechanical noise and metchnical shock when the 2-axis device operate.

However, as these reciprocate, the adjustment is at the point where both are satisfied.

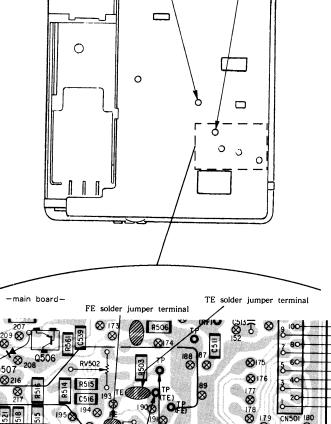
- · When gain is high, the noise when the 2-axis device operates increases.
- · When gain is low, it is more susceptible to mechanical shock and skipping occurs more easily.

This adjustment is to be performed when replacing the following parts:

- UPF (optical pick-up block)
- RV501 (focus gain volume)
- RV502 (tracking gain volume)

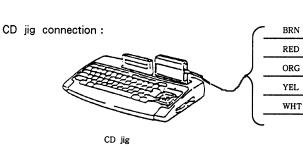
On this set, it is very difficult to simplify this adjustment. For those sets on which symptoms such as "occasional skipping" are hard to discover, or it is hard to tell if the set has been repaired, use the CD jig and perform this adjustment. Refer to the diagram below for connection of the CD jig. The adjustment procedure is described in the separate CD jig Instruction Manual.

Please be careful no to move RV501 (focus gain volume), RV502 (tracking gain volume) ordinarily.



RV502

RV501



Remove the solder jumpers at the TE and FE locations and connect the CD jig.

WHT

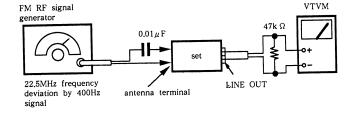
FM SECTION

Conditions:

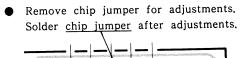
digital voltmeter oscilloscope

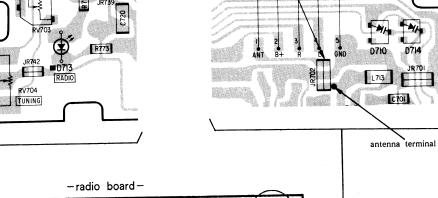
tuning voltage

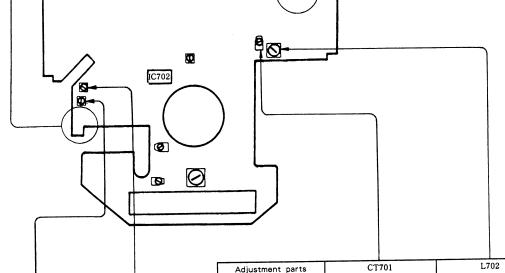
- Function switch: RADIO
- Band switch: FM DX



• Repeat the procedures in each adjustment several times, and the frequency coverage adjustment should be finally done by the trimmer capacitors.







RV703	RV702
1V	9V
f min.	f max.
	1V

RV704

no-mark : US, Canadian, UK, E, Australian

109.5MHz

(107.8MHz)

[108,25MHz]

f max. Adjust for maximam reading on VTVM. FM Frequency Coverage Adjustment

86,5MHz (87,35MHz)

[87.35MHz] f min.

(): AEP, French

SG frequency

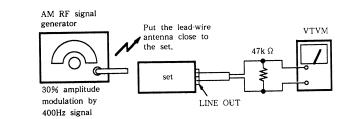
Dial pointer

[]: Italian

VCO Adjustment

Adjustment Procedure:

- 1. Connect a 1μ F capacitor as follows.
- 2. Adjust RV701 for 19±0.02kHz on the frequency counter.
- 3. Remove the capacitor connected in step 1.



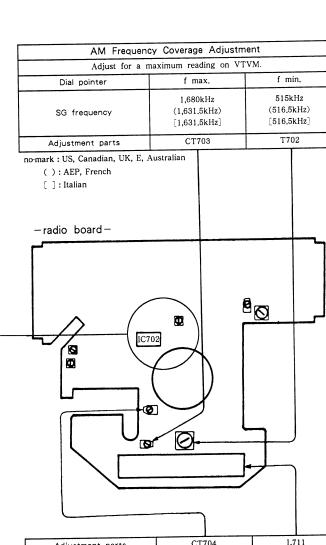
AM SECTION

Conditions :

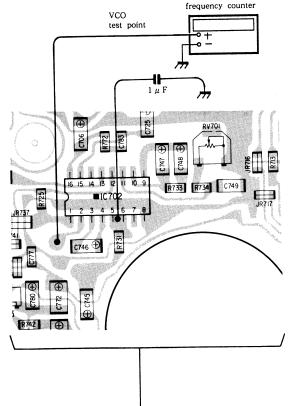
• Function switch: RADIO

Band switch: AM

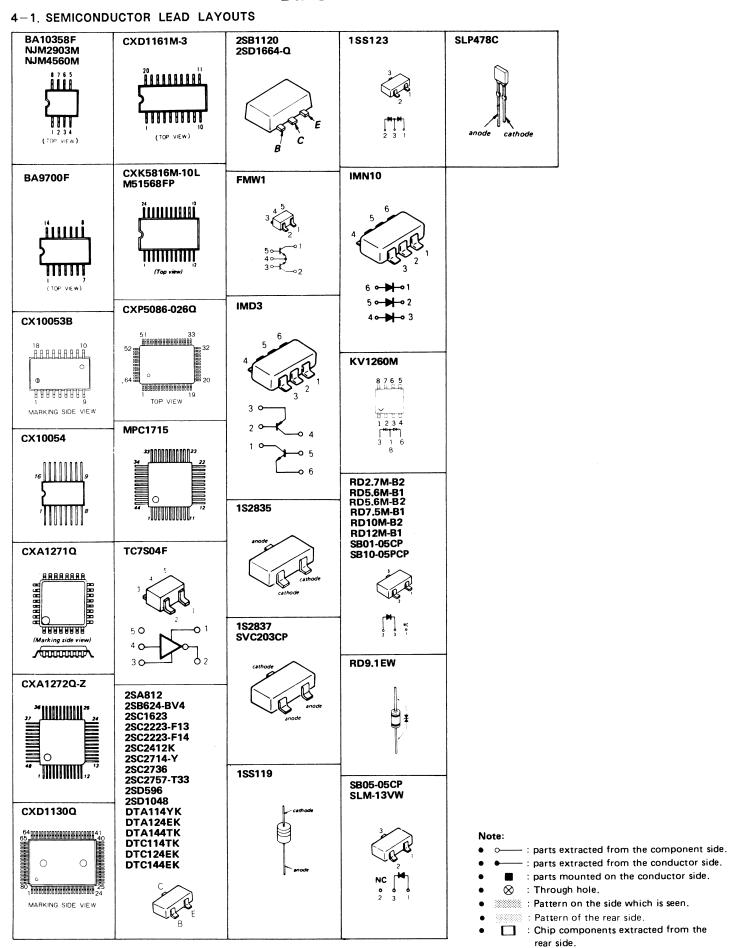
• Repeat the procedures in each adjustmentseveral times, and the frequency coverage and tracking adjustments should be finally done by the trimmer capacitors.

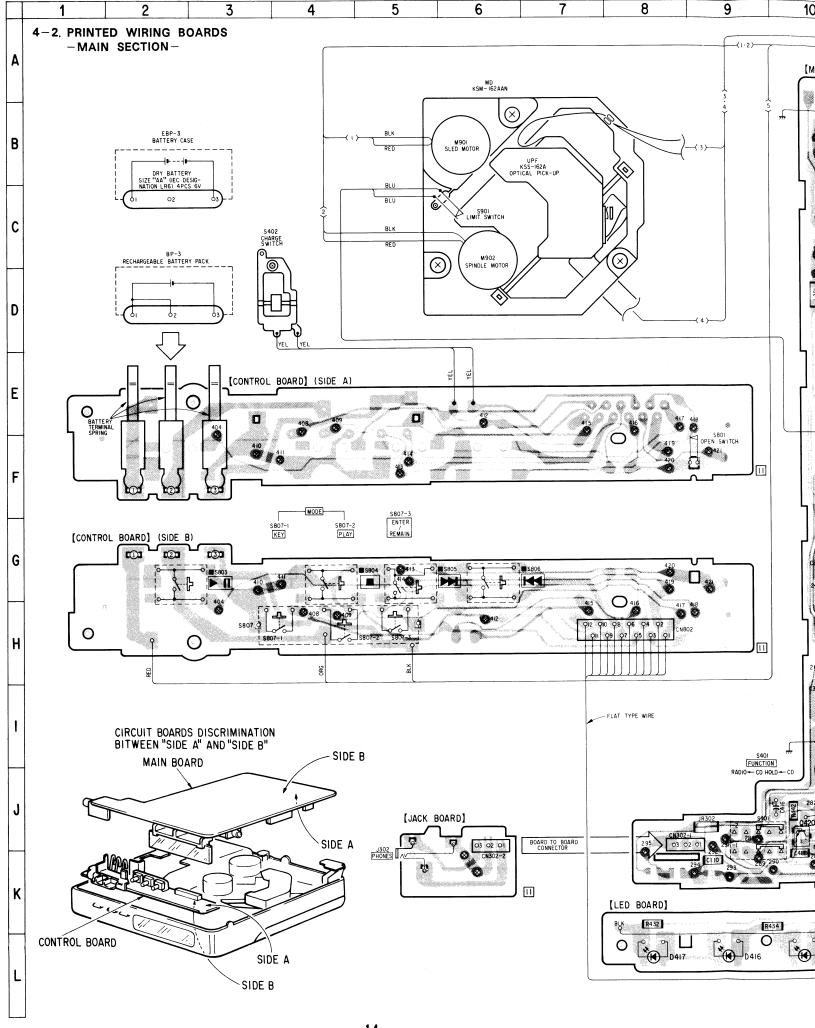


Adjustment parts	CT704	L711
SG frequency and dial pointer	1,400kHz	620kHz
Adjust for ma	aximam reading on VT	VM.
AM Tr	acking Adjustment	

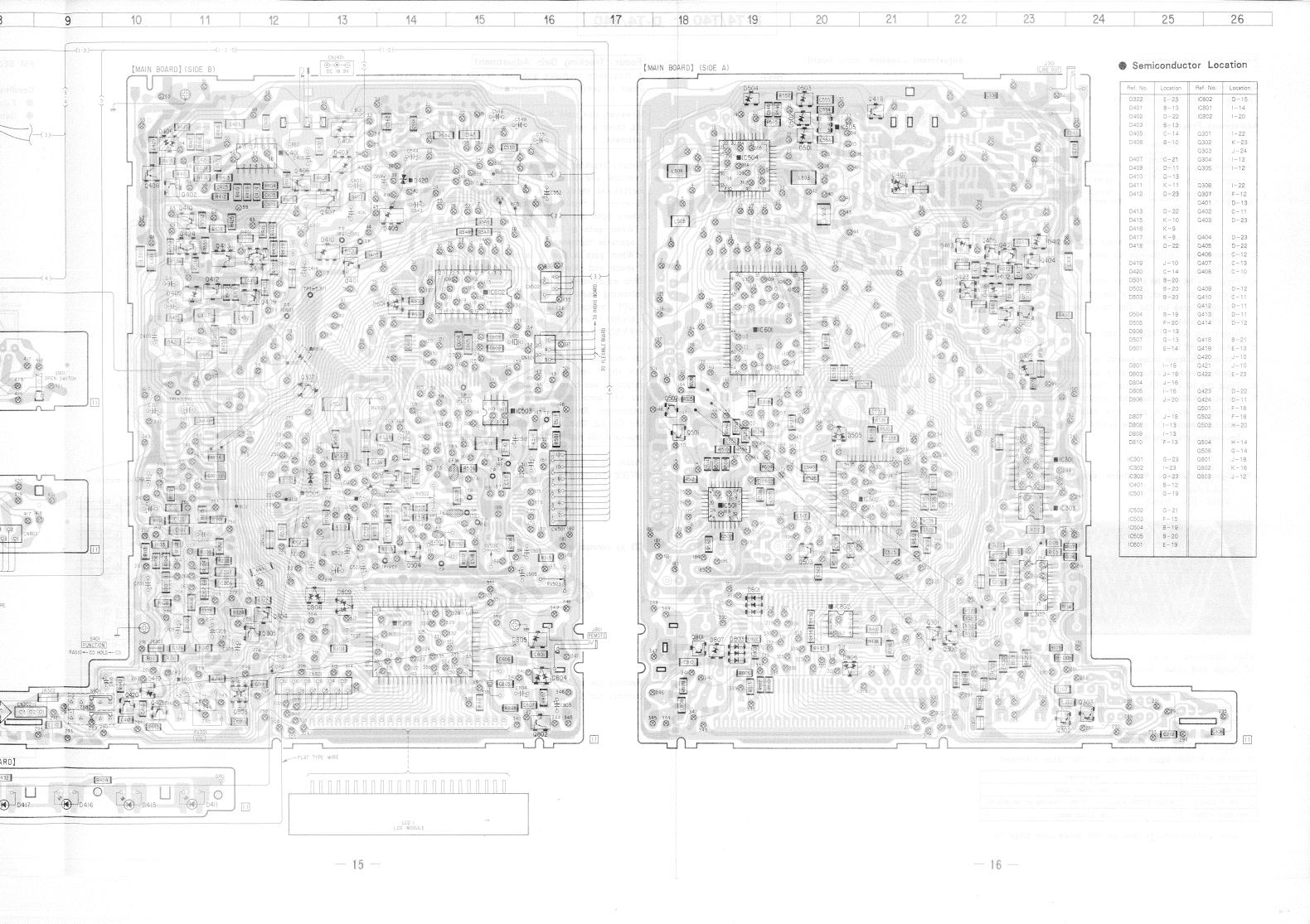


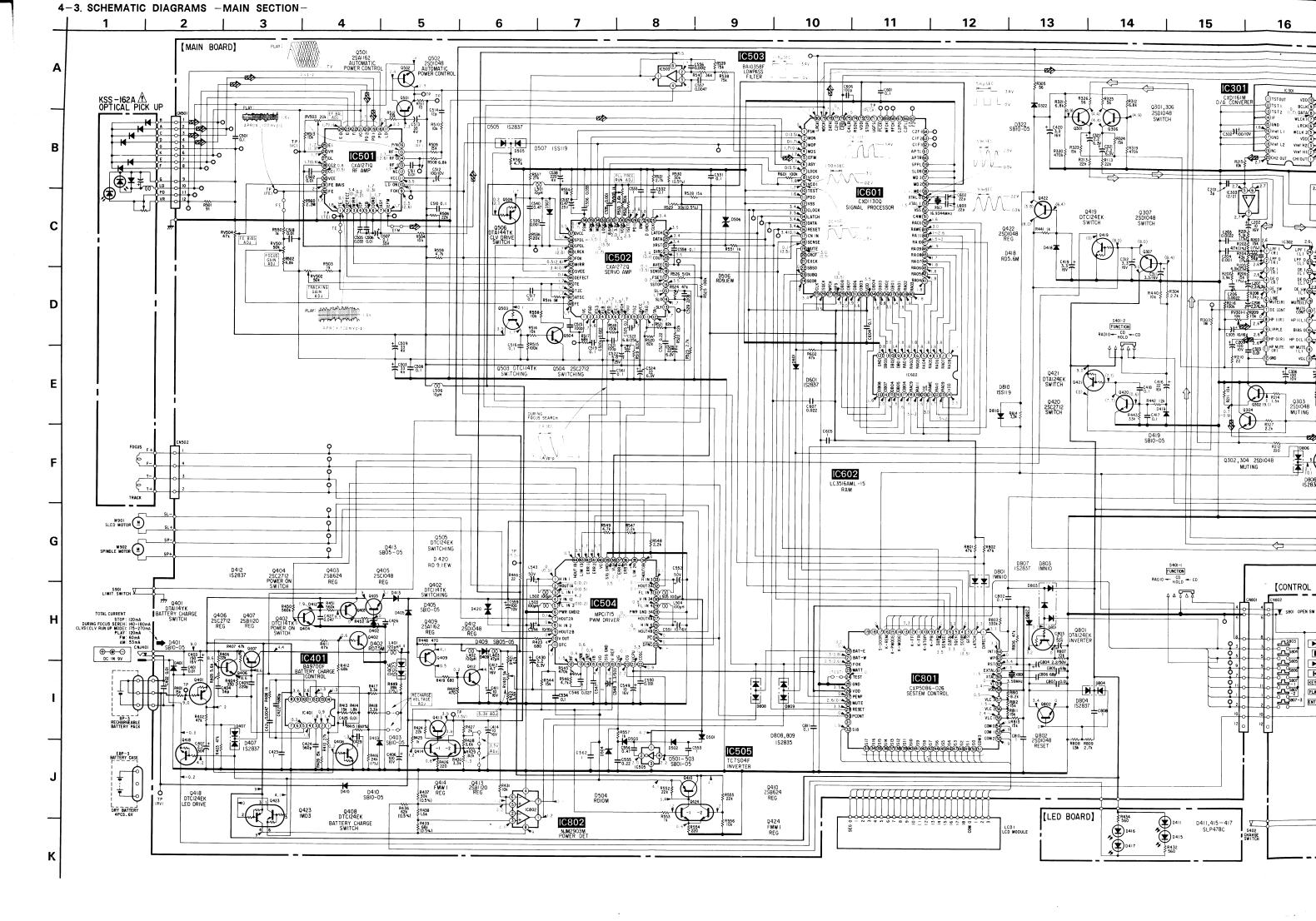
SECTION 4 DIAGRAMS

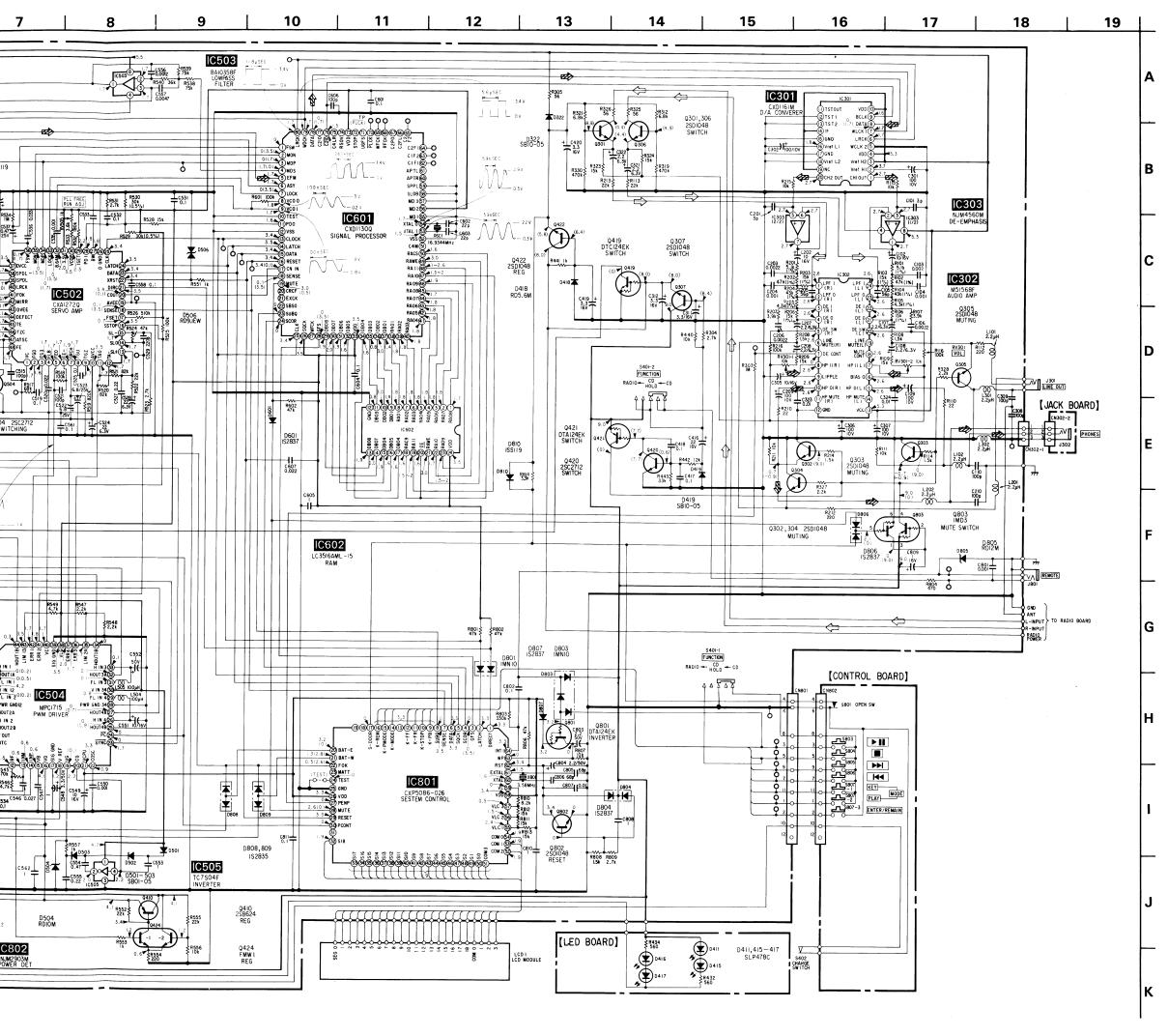












Not

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $^{1}\!/_{\!4}\,W$ or less unless otherwise specified.
- % : indicates tolerance.

Note:

The components identified by mark A or dotted line with mark A are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par une marque A sont critiques pour la sécurité. Ne les remplacer que par une

Ne les remplacer que par une pièce portant le numéro spécifié

Switch

Ref. No.	Switch	Position
S401	FUNCTION	CD
S801	OPEN SWITCH	ON
S803	▶ii	OFF
S804		OFF
S805	>>	OFF
S806	*	OFF
S807-1	KEY MODE	OFF
S807-2	PLAY MODE	OFF
S807-3	ENTER/REMAIN	OFF
S901	LIMIT SWITCH	OFF
1		

- : B+ Line
- : adjustment for repair.
- Voltage waveform and total current are measured with top pannel closed when FUNCTION switch set to CD.
- Power voltage is dc 9V and fed with regulated dc power supply from external power voltage jack.

no mark: stop mode

(): play mode

• Voltages are taken to ground in service mode with a VOM (50 k Ω /V). Voltage variations may be noted due to normal produc-

tion tolerances.

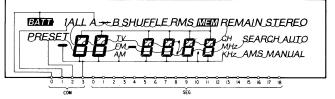
Waveforms are taken to ground in play condition of service mode with a oscilloscope.

Voltage variations may be noted due to normal production tolerances.

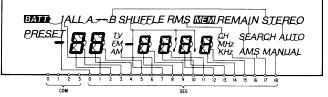
Signal path.

See page 4 setup of service mode

• LCD MODULE COMMON



SEGMENT



D-T4/T4

● SCHEMATIC DIAGRAM -RADIO SECTION-

- All capacitors are in μF unless otherwise noted. pF: $\mu \mu F$ 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4}$ W or less unless otherwise specified.
- % : indicates tolerance.

Note:

The components identified by mark A or dot-ted line with mark are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par une marque A sont critiques pour la sécurité.

Ne les remplacer que par une

pièce portant le numéro spéci-fié.

Switch

Ref. No.	Switch	Position
S701	FM MODE	ST.
S702	BAND/FM SENS	FM DX

- : B+ Line
- adjustment for repair.
- Power voltage is dc 9V and fed with regulated dc power supply from external power voltage jack.
- Voltage are dc with respect to ground under no-signal (detuned) conditions when FUNCTION switch set to CD. no mark: FM
 - (): AM
- Voltages are taken with a VOM (50 $k\Omega/V$). Voltage variations may be noted due to normal production tolerances.
- Signal path.

Semiconductor Location

Ref. No.	Location
D701	C-10
D702	C-8
D705	H-5
D706	E-4
D707	C-4
D708	B-3
D709	A-3
D710	B-11
D711	C-4
D712	B-7
D713	F-13
D714	B-14
IC701	G-8
IC702	E-5
Q701	C-11
0702	D-10
Q703	D-8
Q706	D-8
Q707	B-4
Q708	B-7
Q710	B-2
Q711	B-2
Q712	C-2
Q713	F-4
Q714	E-8
Q715	F-8

4-4. PRINTED WIRING BOARDS -RADIO SECTION- ● See page 13 [RADIO BOARD] D709 C788 ₽d⊷ C768 B € C728 C **R**761 BAND/FM SENS FM DX d-0 FM LOCAL D 4• | JR742 ■ D713 | RADIO RV704 JR720 TUNING

• o---: parts extracted from the component side.

-: parts extracted from the conductor side.

: parts mounted on the conductor side.

: Chip components extracted from the rear side.

D-T4/T40 D-T4/T40

Semiconductor Location

		ĺ
Ref. No.	Location	
D701	C-10	
D702	C-8	
D705	H-5	
D706	E-4	
D707	C-4	
D708	B-3	
D709	A-3	
D710	B-11	
D710	C-4	
D711	B-7	
5,,5		
D713	F-13	
D714	B-14	
IC701	G-8	
IC702	E-5	
Q701	C-11	
Q702	D-10	
Q703	D-8	
Q706	D-8	
Q707	B-4	
Q708	B-7	
Q710	B-2	
Q711	B-2	
Q712	C-2	
Q713	F-4	
Q714	E-8	
Q715	F-8	

	PRINTED WIRING BOARD 1 2	3	4	5	6	7	8	9	10	11
	•		1			,			10	
A	EDADIO DOADO I									→ TO MAIN BOARD
	[RADIO BOARD]	J 703 D709		Market Committee	we to a fine the contract of t	The second secon	The state of the s	John Company of Compan		
	FM MODE R736	0709 0709 0788			JR751	(4)				
	ST S	[C752]		2 8		757	R745 🕀	L712 ANT	2 3 4 5 B+ R L GND	0710 0714
В	0710 7710 7710 7710 7710 7710 7710 7710	C768	_ 07	00. 18778 18	JR713 C766 ⊕		C767 (H		JR702	JR701
	0711	D708	95.7	<u> </u>		D712	JR704		FL701	[C701]
	R747] €714	C762 C764	0711	(775 (778)	<u>R741</u>					R762
С	0712		D707	E 0			<u>R709</u>	202 202 202 202 202 202 202 202 202 202		C778 E
	S702 R761	C765 ⊕	OTT ZE	C128 R732 K732 K732 K732 K732 K732 K732 K732 K	R739	URTOZ FFF	D702	JR749 - L702	C703	. 5
	FM DX	JR727 JR728	JR724 L705	R703 C755 C751	R704	БП	R710		C702	701 E
	d-o FM Locat	JR729		C706 ⊕ R772 C783	€ RV701	<u>слз</u>	C	×	R708	TOTAL TOTAL
D	40	JR730 JR	726 JR733	6706 8772 6783			Q703		JR750	02
	The second of th	JR734 JR75	R756	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 R733 R734 C7					
		RV702 JR735	D706 JR737	© 1	One is	JR717 CF701	R716			
E		L→	JR741 R736	€ © 746 ⊕		R763	R728	CF702		
		JR739	JR740 E							
	R	703 E	R745 P	GT72 (Q715 2 8 MJ	701		
F	JR74;	R773	Q713 R742			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		f l		
	0→\$ RV704			C7#42) ×	The state of the s	1701		
П	O TUNING)		and the same of th		C7	76 B9 59 4 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	يفر]		
G				C1704		10	9			
					100 mg	CF 703 -12 -13 -14	7 — C734 11C701 6 — C735 5 — R765			
				R744	C736		4 - R765 3 C782			
				(8 7 6) ■D70	3 L R 1	C730 16 17 18 18				
Н				C1703		JR759	<u>[C741]</u>			
				CI703	(7.738) E T.70	The second secon	C763			
				and the an a semillion above explained eastern things the confidence of the control of the contr			THE CONTRACT OF STATE OF STATE OF THE STATE			
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Note:

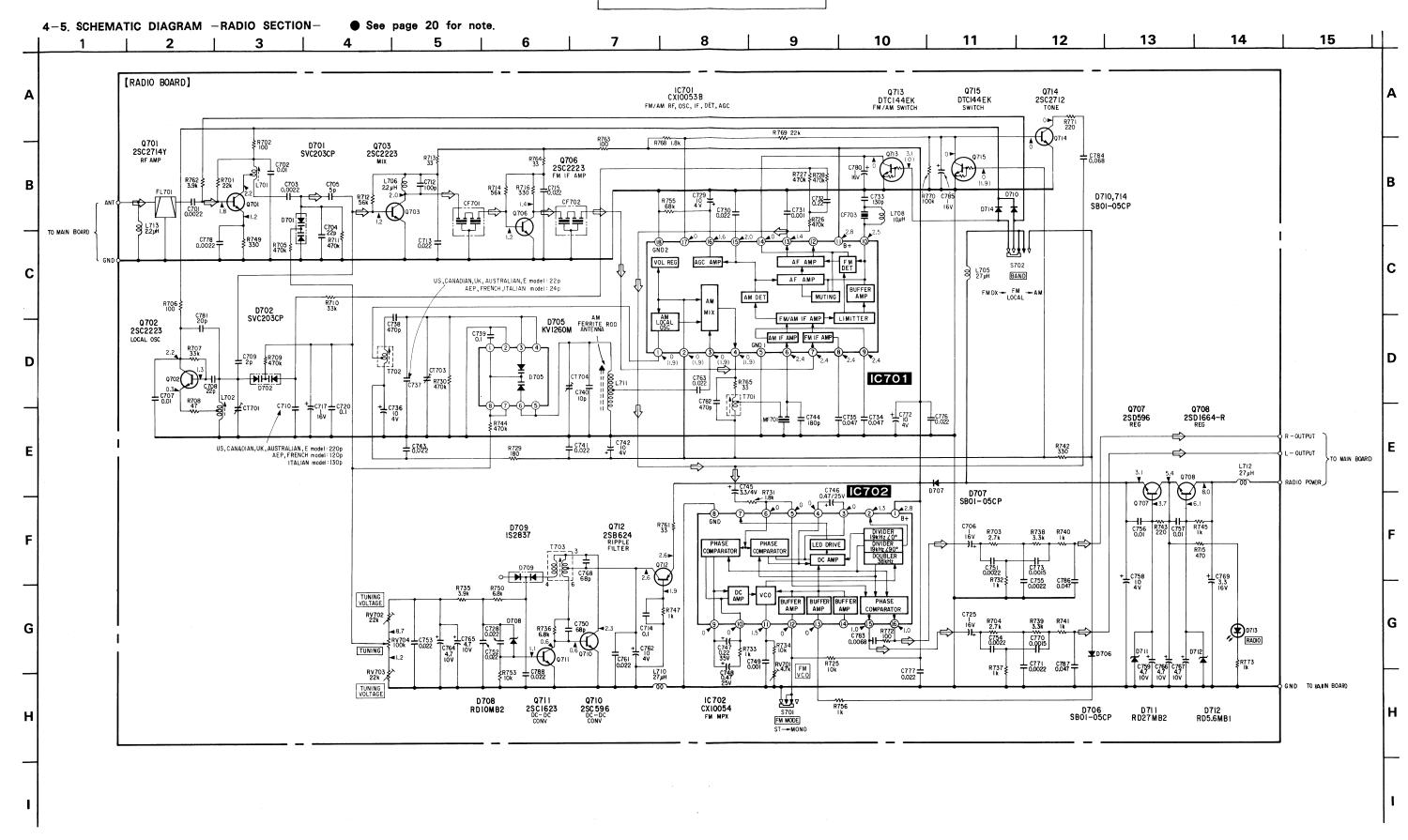
lytics

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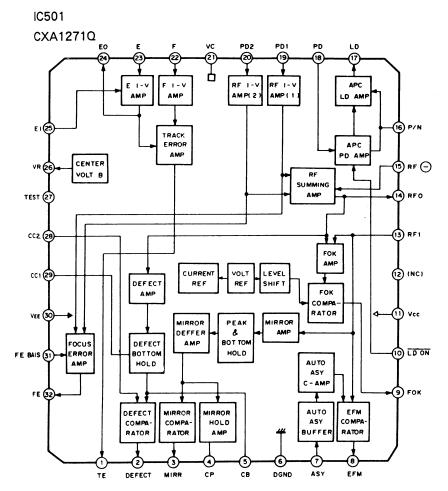
ignal CD.

duc-

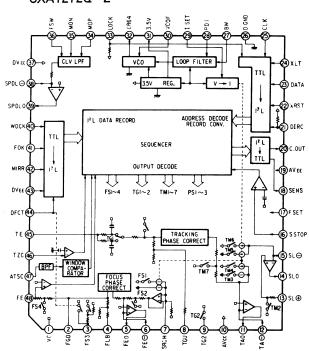
- o---: parts extracted from the component side.
- • : parts extracted from the conductor side.
- parts mounted on the conductor side.
 Chip components extracted from the rear side.



4-6. IC BLOCK DIAGRAM



IC502 CXA1272Q-Z



LPF | (R)

LPF | (R)

LPF | (R)

DEENP | (R)

DEENP | (R)

DEENP | (R)

DEENP CONT | (D)

DEENP CONT | (D)

LINE MUTE (R)

DEENP CONT | (D)

MUTE CONT

HPAMP | (R)

HPAMP | (R)

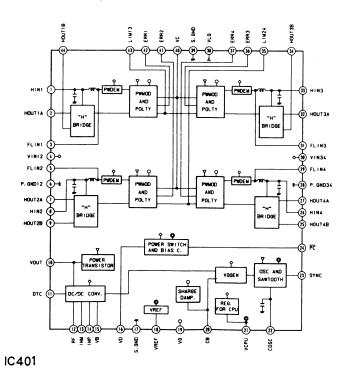
HPAMP | (L)

HPAMP | (R)

HPAMP | (L)

HPAMP | (R)

IC504 MPC1715



BA9700F

POWER SW

VCC

BANDGAP
REFERENCE

V REF

V REF

V REF

V REF

OSCILLATOR

PWM COMPARATOR

RT

CT

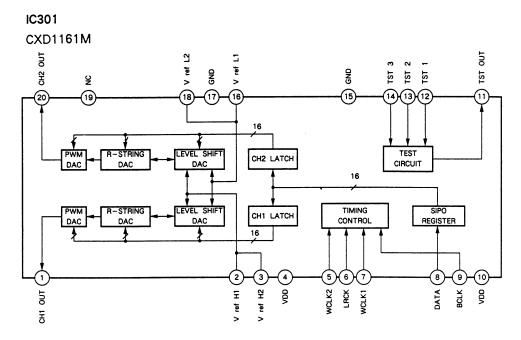
OUT

NG

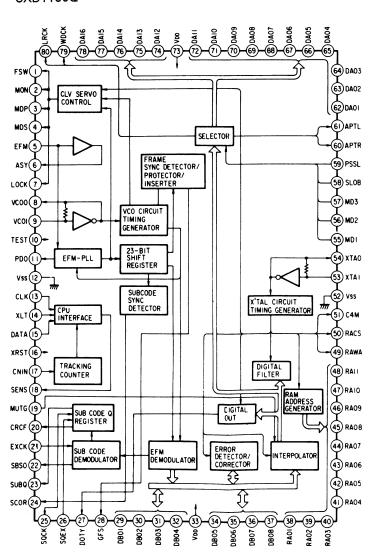
CAD

OUT

DO



IC601 CXD1130Q



SECTION 5 EXPLODED VIEWS

NOTE:

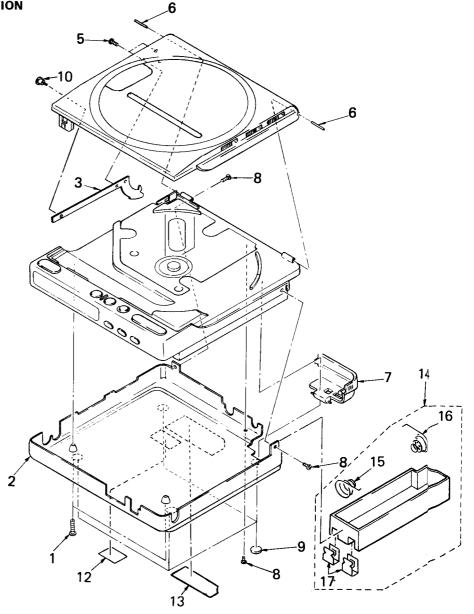
- The mechanical parts with no reference number in the exploded views are not supplied.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

 Due to standardization, parts with part number suffix -XX and -X may be different from the parts specified in the components used on the set. The components identified by mark \(\underbrace{\Lambda} \) or dotted line with mark \(\underbrace{\Lambda} \) are critical for safety. Replace only with part number specified.

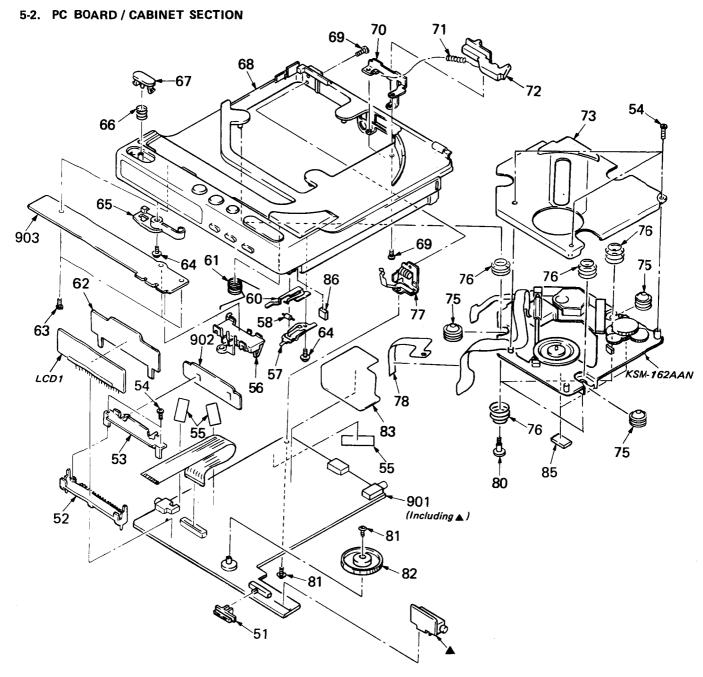
Les composants identifiés par une marque A sont critiques pour la sécurité.

Ne les remplacer que par une pièce portant le numéro spécifé.

5-1. BOTTOM PANEL SECTION

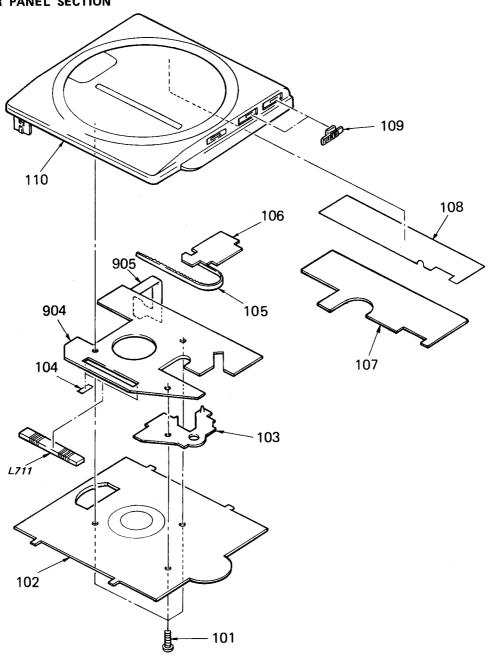


No.	Part No.	Description	Remarks	No.	Part No.	<u>Description</u> <u>Remarks</u>
1 2 3 5 6	4-908-792-71 x-4924-712-1 4-924-713-01 4-924-765-01 4-924-714-01	PLATE ASSY, BOTTOM ARM, SWITCHING		13	*4-924-786-01 *4-924-788-01 *4-926-601-01 *4-924-759-01	(AEP)LABEL, MODEL NUMER (AE5) (US,Canadian)LABEL, MODEL NUMBER (U) (UK,E,French,Australian)LABEL, MODEL NUMBER (E) (Italian)LABEL, MODEL NUMBER(ITI)
7 8 9 10 12	4-924-734-21 3-703-816-52 4-912-641-11 3-329-697-11 *4-885-838-00	SCREW (M1.4X3.5), SPECIAL HEAD FOOT, RUBBER SCREW, STEP, PRECISION	CLASS 1	14 15 16 17	X-4918-806-1 4-918-803-01 2-298-630-01 4-918-814-01	(UK)CASE ASSY (BLACK), 3 ATTERY 15-17 (UK)SPRING (RIGHT) (UK)SPRING (RIGHT) (UK)TERMINAL BOARD (B)



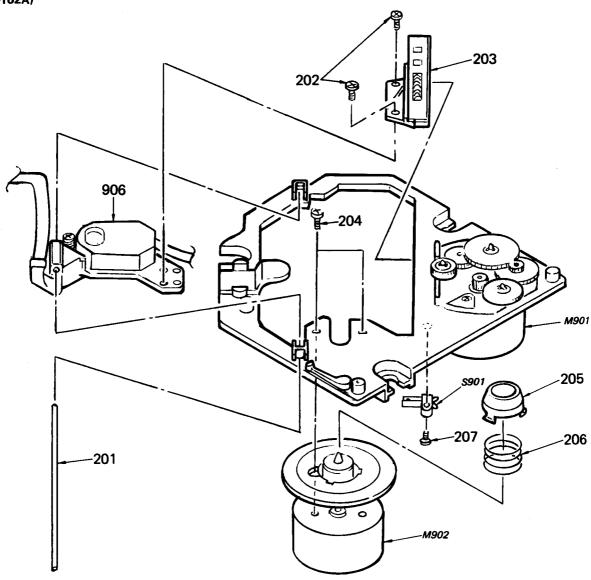
No.	Part No.	Description	Remarks	No.	Part No.	Description	emarks
51	4-924-724-01	KNOB (HOLD)		70	*4-924-721-01	BRACKET, LOCK CLAW	
52	*4-924-730-01			71	3-565-923-00		
53	*4-924-781-01			72	4-924-733-01	The state of the s	
54		SCREW (1.7X4), TAPPING (B)		73	X-4924-702-1		
55		CLOTH, RETAINING, CASSETTE		75	4-924-705-01	• • • • • • • • • • • • • • • • • • • •	
56	4-924-731-01			76	4-924-710-01	SPRING, COMPRESSION	
57	4-924-763-01	SPRING (BSA)		77	*X-4924-701-1	SPRING ASSY, CLICK	
58	4-924-701-01	ROLLER, BS		78	4-924-761-01	PAPER (A), SHIELD	
60	4-924-702-01	SPRING (BSB)		80	4-924-718-01	SCREW, INSULATOR	
61	4-924-7 1 2-01	SPRING, TORSION		81	3-335-797-21	SCREW (M1.4X3), TOOTHED LOCK	
62	4-924-709-01	PLATE, LIGHT GUIDE		82	4-924-732-01	KNOB (VOLUME)	
63	4-908-792-71	SCREW (B2X6), TAPPING, P1		83	*4-924-784-01	SHEET, PROTECTION	
64		SCREW (B1.7X4), TAPPING					
65	4-924-7 1 1-01	CLAW, LID LOCK		85	9-911-839-XX	SPACER	
66	3-553-530-00	SPRING, COMPRESSION		86	*3-329-460-01	SPACER	
67	4-924-760-01	BUTTON (OPEN)		901	A-3015-626-A	PC BOARD ASSY, MAIN	
68	X-4924-711-1			902	*1-626-480-11	PC BOARD, LED	
69		SCREW (M1.4X3.5), SPECIAL HEAD		903	*1-625-771-11	The state of the s	

5-3. UPPER PANEL SECTION



No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
101	3-893-942-01	SCREW (B1.7X4)		110	X-4924-713-1	(US, Canadian, UK, E, Australian)	
102 103	A-3039-654-A *4-924-773-01	COVER ASSY, TUNER GUIDE, TU			X-4924-714-1	LID AS; Y, t (AEP, French, Italian)LID AS; Y, t	
104	3-831-441-XX	SPACER					· Cit
105	*4-924-771-01	RACK, POINTER		904	A-3015-627-A	(US,Canadian,UK,E,Australiam)PC BOARD AS SY,	DANTO
106	*4-918-884-01	SHEET, COVER			A-3015-656-A		
107	*4-924-774-01	PLATE (T), SHIELD			A-3015-673-A	(Italian)PC BOARD A SY,	RADIO
108	*4-924-787-01	SHEET (SHIELD PAPER), ADHESIVE		005	1 626 000 11	EDEVIDE DOLDD TH	
109	4-924-770-01	BUTTON (T MODE)		905 L711	1-626-980-11 1-402-381-11	FREXIBLE BOARD, TU ANTENNA, FERRITE-ROD (AM)	

5-4. MECHANISM SECTION (KSM-162A)



No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
201 202 203 204 205 206	X-2641-523-1 7-627-552-88 2-641-539-01	SCREW, PRECISION +P 1.7X4 TYPE3		M901 M902	A.8-848-081-21 X-2641-525-1 X-2641-521-1	SCREW +P 2X5 TYPE2 NON-SLIT PICKUP, OPTICAL KSS-162A MOTOR ASSY MOTOR ASSY, T.T. SWITCH, LEAF (LIMIT SWITCH)	

Note:
The components identified by mark A or dotted line with mark are critical for safety.
Replace only with part number specified.

Note:
Les composants identifiés par une marque A sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

SECTION 6 ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS: MF: μF, PF: μμF.

RESISTORS

- All resistors are in ohms.
 F: nonflammable

COILS
• MMH: mH, UH: μH

SEMICONDUCTORS

In each case, U: μ, for example: UA...: μA..., UPA...: μPA..., UPC...: μPD...

Ref.No.	Part No.	Description			I	Ref.No.	Part No.	Description			
	A-3015-626-A *1-626-480-11 *1-625-771-11	PC BOARD ASSY, PC BOARD, LED PC BOARD, CONTR				C404 C405 C406	1-163-111-00 1-163-125-00 1-124-584-00	CERAMIC CHIP CERAMIC CHIP ELECT		5% 5% 20%	50V 50V 10V
904	A-3015-627-A A-3015-656-A	(US,Canadian,Uk (AEP,French)	PC BOARD	ASSY, F		C407 C411 C412	1-124-257-00 1-126-157-11 1-126-094-11	ELECT ELECT ELECT	2.2MF 10MF 4.7MF	20% 20% 20%	50V 16V 16V
905 906 ∧	A-3015-673-A 1-626-980-11 .8-848-081-21	(Italian) FREXIBLE BOARD, PICKUP, OPTICAL	, TU	ASSY, F	RADIO	C414 C416 C417	1-126-157-11 1-124-234-00 1-163-038-00	ELECT ELECT CERAMIC CHIP	10MF 22MF 0.1MF	20% 20%	16V 16V 25V
	1-163-086-00 1-126-157-11 1-163-212-00	CERAMIC CHIP 3F	PF OMF	0.25PF 20% 5%	50V 16V 50V	C418 C419 C420	1-163-038-00 1-135-092-21 1-135-092-21	CERAMIC CHIP TANTAL. CHIP TANTAL. CHIP	3.3MF	20% 20%	25V 16V 16V
C104 C105 C106	1-163-205-00 1-163-111-00 1-163-013-00	CERAMIC CHIP O. CERAMIC CHIP 56 CERAMIC CHIP O.	.001MF 6PF	5% 5% 10%	50V 50V 50V	C421 C422 C423	1-163-017-00 1-163-137-00 1-162-638-11	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	680PF	10% 5%	50V 50V 16V
C107 C108	1-135-099-00 1-135-099-00 1-124-584-00	TANTAL. CHIP 2.	.2MF	20% 20% 20%	6.3V 6.3V 10V	C424 C425 C426	1-163-135-00 1-163-021-00 1-162-638-11	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	560PF 0.01MF	5% 10%	50V 50V 16V
C109 C110 C201	1-163-117-00 1-163-086-00	CERAMIC CHIP 10 CERAMIC CHIP 3F	OOPF PF	5% 0.25PF 20%	50V 50V	C427 C429 C430	1-163-075-00 1-162-638-11 1-135-099-00	CERAMIC CHIP CERAMIC CHIP TANTAL. CHIP	0.047MF 1MF	10%	25V 16V 6.3V
C2O2 C2O3 C2O4	1-126-157-11 1-163-212-00 1-163-205-00	CERAMIC CHIP O. CERAMIC CHIP O.	.002MF .001MF	5% 5%	16V 50V 50V	C501 C502	1-163-038-00 1-163-021-00	CERAMIC CHIP CERAMIC CHIP	0.1MF 0.01MF	10%	25V 50V
C205 C206 C207	1-163-111-00 1-163-013-00 1-135-099-00	CERAMIC CHIP 56 CERAMIC CHIP 0. TANTAL. CHIP 2.	.0022MF .2MF	5% 10% 20%	50V 50V 6.3V	C503 C505 C506	1-124-431-00 1-163-078-11 1-163-021-00	CERAMIC CHIP CERAMIC CHIP	0.01MF	20% 10% 10%	4 V 25 V 50 V
C208 C209 C210	1-135-099-00 1-124-584-00 1-163-117-00	ELECT 10 CERAMIC CHIP 10	Domf	20% 20% 5%	6.3V 10V 50V	C507 C508 C509	1-135-070-00 1-163-038-00 1-124-431-00	TANTAL. CHIP CERAMIC CHIP ELECT	4.	20%	35V 25V 4V
C301 C302 C305	1-124-584-00 1-124-584-00 1-126-157-11	ELECT 10	DOMF DOMF	20% 20% 20%	10V 10V 16V	C510 C511 C512	1-163-038-00 1-163-021-00 1-124-584-00	CERAMIC CHIP CERAMIC CHIP ELECT		10% 20%	25V 50V 10V
C306 C307	1-124-584-00 1-124-584-00	ELECT 10	DOMF DOMF	20% 20%	10V 10V	C513 C514	1-124-431-00 1-163-095-00	ELECT CERAMIC CHIP	33MF 12PF	20% 5%	4 V 50V
C308 C309 C311	1-163-117-00 1-163-117-00 1-135-092-21	TANTAL. CHIP 3.	.3MF :	5% 5% 20%	50 V 50 V 16 V	C515 C516 C517	1-163-181-00 1-163-038-00 1-163-038-00	CERAMIC CHIP CERAMIC CHIP	0.1MF 0.1MF	5%	50 V 2 5 V 2 5 V
C312 C321	1-135-092-21 1-135-099-00 1-135-099-00	TANTAL. CHIP 3. TANTAL. CHIP 2. TANTAL. CHIP 2.	.2MF :	20% 20% 20%	16V 6.3V	C518 C519 C520	1-163-021-00 1-163-038-00 1-163-037-11	CERAMIC CHIP CERAMIC CHIP	0.1MF	10%	50V 25V 25V
C323 C324 C401	1-163-021-00 1-163-021-00 1-163-021-00	CERAMIC CHIP'O. CERAMIC CHIP O. CERAMIC CHIP O.	.01MF .01MF	10% 10% 10%	50V 50V	C521 C522 C523	1-163-117-00 1-124-239-00 1-124-239-00	CERAMIC CHIP ELECT	100PF 6.8MF	5% 20% 20%	50 V 2 5 V 2 5 V
C401 C402 C403	1-163-021-00 1-163-021-00 1-126-357-11	CERAMIC CHIP O.	.01MF	10% 10% 20%	50V 16V	C524 C525	1-124-235-00 1-126-153-11 1-163-038-00	ELECT	22MF	20%	6.3V 25V

Ref.No.	Part No.	Description			Ref.No.	Part No.	Description		
C527 C528 C529	1-163-081-00 1-126-153-11 1-163-125-00	CERAMIC CHIP 0.22MF ELECT 22MF CERAMIC CHIP 220PF	20% 5%	25V 6.3V 50V	C714 C715 C717	1-163-038-00 1-163-037-11 1-135-091-00	CERAMIC CHIP 0.1MF CERAMIC CHIP 0.022MF TANTAL. CHIP 1MF	10% 20%	25V 25V 16V
C531 C532 C533	1-163-038-00 1-163-038-00 1-162-638-11	CERAMIC CHIP 0.1MF CERAMIC CHIP 0.1MF CERAMIC CHIP 1MF		25V 25V 16V	C720 C725 C728	1-163-077-00 1-135-091-00 1-163-037-11	CERAMIC CHIP 0.1MF TANTAL. CHIP 1MF CERAMIC CHIP 0.022MF	10% 20% 10%	25V 16V 25V
C534 C535 C536	1-163-038-00 1-163-141-00 1-163-078-11	CERAMIC CHIP 0.1MF CERAMIC CHIP 0.001MF CERAMIC CHIP 0.033MF	10% 10%	25V 50V 25V	C729 C730 C731	1-135-157-21 1-163-037-11 1-163-141-00	TANTAL. CHIP 10MF CERAMIC CHIP 0.022MF CERAMIC CHIP 0.001MF	20% 10% 10%	4 V 25 V 50 V
C537 C538 C539	1-135-145-11 1-124-434-00 1-163-141-00	TANTAL. CHIP 0.47MF ELECT 220MF CERAMIC CHIP 0.001MF	20% 20% 10%	25V 4V 50V	C732 C733 C734	1-163-081-00 1-163-120-00 1-163-809-11	CERAMIC CHIP 0.22MF CERAMIC CHIP 130PF CERAMIC CHIP 0.047MF	5% 10%	25V 50V 25V
C540 C543 C544	1-162-637-11 1-124-255-00 1-126-157-11	CERAMIC CHIP 0.47MF ELECT 1MF ELECT 10MF	20% 20%	16V 50V 16V	C735 C736	1-163-809-11 1-135-157-21	CERAMIC CHIP 0.047MF TANTAL. CHIP 10MF	10% 20%	25V 4V
C546 C547 C548	1-163-986-00 1-162-638-11 1-126-162-11	CERAMIC CHIP 0.027MF CERAMIC CHIP 1MF ELECT 3.3MF	10% 20%	25V 16V 50V	C737	1-163-101-00 1-163-102-00	(US,Canadian,UK,E,Austr CERAMIC C (AEP,French,Italian) CERAMIC C	HIP 22PF	
C549 C550 C551	1-126-157-11 1-163-141-00 1-126-157-11	ELECT 10MF CERAMIC CHIP 0.001MF ELECT 10MF	20% 5% 20%	16V 50V 16V	C738 C739 C740	1-163-133-00 1-163-038-00 1-163-093-00	CERAMIC CHIP 470PF CERAMIC CHIP 0.1MF CERAMIC CHIP 10PF	5% 5%	50V 25V 50V
C552 C553 C554	1-124-255-00 1-162-638-11 1-162-637-11	ELECT 1MF CERAMIC CHIP 1MF CERAMIC CHIP 0.47MF	20%	50V 16V 16V	C741 C742 C743	1-163-037-11 1-135-104-00 1-163-037-11	CERAMIC CHIP 0.022MF TANTAL. CHIP 10MF CERAMIC CHIP 0.022MF	10% 20% 10%	25V 4V 25V
C555 C556 C557	1-163-081-00 1-163-143-00 1-163-017-00	CERAMIC CHIP 0.22MF CERAMIC CHIP 0.0012MF CERAMIC CHIP 0.0047MF	10% 10%	25V 50V 50V	C744 C745 C746	1-163-123-00 1-135-103-00 1-135-145-11	CERAMIC CHIP 180PF TANTAL. CHIP 3.3MF TANTAL. CHIP 0.47MF	5% 20% 20%	50V 4V 25V
C558 C559 C561	1-163-038-00 1-124-584-00 1-163-038-00	CERAMIC CHIP 0.1MF ELECT 100MF CERAMIC CHIP 0.1MF	20%	25V 10V 25V	C747 C748 C749	1-135-072-21 1-135-145-11 1-163-205-00	TANTAL. CHIP 0.22MF TANTAL. CHIP 0.47MF CERAMIC CHIP 0.001MF	20% 20% 5%	35Y 25Y 50Y
C562 C601 C602	1-162-638-11 1-163-038-00 1-163-101-00	CERAMIC CHIP 1MF CERAMIC CHIP 0.1MF CERAMIC CHIP 22PF	5%	16V 25V 50V	C750 C751 C752	1-163-113-00 1-163-013-00 1-163-037-11	CERAMIC CHIP 68PF CERAMIC CHIP 0.0022MF CERAMIC CHIP 0.022MF	5% 10% 10%	50V 50V 25V
C603 C604 C605	1-163-101-00 1-163-038-00 1-162-638-11	CERAMIC CHIP 22PF CERAMIC CHIP 0.1MF CERAMIC CHIP 1MF	5%	50V 25V 16V	C753 C754 C755	1-163-037-11 1-163-013-00 1-163-013-00	CERAMIC CHIP 0.022MF CERAMIC CHIP 0.0022MF CERAMIC CHIP 0.0022MF	10% 10% 10%	25V 50V 50V
C606 C607 C701	1-163-117-00 1-163-037-11 1-163-013-00	CERAMIC CHIP 100PF CERAMIC CHIP 0.022MF CERAMIC CHIP 0.0022MF	5% 10% 10%	50V 25V 50V	C756 C757 C758	1-163-021-00 1-163-021-00 1-135-157-21	CERAMIC CHIP 0.01MF CERAMIC CHIP 0.01MF TANTAL. CHIP 10MF	10% 10% 20%	50V 50V 4V
C702 C703 C704	1-163-013-00	CERAMIC CHIP 0.01MF CERAMIC CHIP 0.0022MF CERAMIC CHIP 22PF	10% 10% 5%	50V 50V 50V	C759 C761 C762	1-135-096-21 1-163-037-11 1-135-157-21	TANTAL. CHIP 4.7MF CERAMIC CHIP 0.022MF TANTAL. CHIP 10MF	20% 10% 20%	10V 25V 4V
C705 C706 C707		CERAMIC CHIP 5PF TANTAL. CHIP 1MF CERAMIC CHIP 0.01MF	0.25PF 20% 10%	50V 16V 50V	C763 C764 C765	1-163-037-11 1-135-096-21 1-135-096-21	CERAMIC CHIP 0.022MF TANTAL. CHIP 4.7MF TANTAL. CHIP 4.7MF	10% 20% 20%	25V 10V 10V
C708 C709	1-163-101-00 1-163-085-00	CERAMIC CHIP 22PF CERAMIC CHIP 2PF	5% 0.25PF	50 V 50 V	C766 C767 C768	1-135-096-21 1-135-096-21 1-163-113-00	TANTAL. CHIP 4.7MF TANTAL. CHIP 4.7MF CERAMIC CHIP 68PF	20% 20% 5%	10V 10V 50V
C710	1-163-125-00		OPF 5%	50V	C769	1-135-092-21	TANTAL. CHIP 3.3MF	20%	167
C710 C710	1-163-119-00 1-163-120-00	(AEP,French)CERAMIC CHI (Italian)CERAMIC CHI			C770 C771	1-163-145-00 1-163-013-00	CERAMIC CHIP 0.0015MF CERAMIC CHIP 0.0022MF	10% 10%	50 V 50 V
C712 C713		CERAMIC CHIP 100PF CERAMIC CHIP 0.022MF	5% 10%	50V 25V	C772 C773 C776	1-135-157-21 1-163-145-00 1-163-063-00	TANTAL. CHIP 10MF CERAMIC CHIP 0.0015MF CERAMIC CHIP 0.022MF	20% 10% 10%	4 V 50 V 50 V
					C777 C778 C780	1-163-013-00	CERAMIC CHIP 0.022MF CERAMIC CHIP 0.0022MF TANTAL. CHIP 1MF	10% 10% 20%	25V 50V 16V

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Ref.No.	Part No.	Description			Ref.No.	Part No.	Description		
C781 C782 C783 C784	1-163-133-00 1-163-019-00	CERAMIC CHIP 20PF CERAMIC CHIP 470PF CERAMIC CHIP 0.0068MF CERAMIC CHIP 0.068MF	5% 5% 10%	50V 50V 50V 50V	D702 D705 D706	8-719-928-03	DIODE SVC203CP DIODE KV126OM DIODE SBO1-05CP		
C785 C786 C787	1-135-091-00 1-163-809-11	TANTAL. CHIP 1MF CERAMIC CHIP 0.047MF CERAMIC CHIP 0.047MF	20% 10% 10%	16V 25V 25V	D707 D708 D709	8-719-106-53 8-719-100-05			
C788 C801 C802	1-163-141-00	CERAMIC CHIP 0.022MF CERAMIC CHIP 0.001MF CERAMIC CHIP 0.1MF	10% 5%	25V 50V 25V	D710 D711 D712	8-719-105-32 8-719-105-90	DIODE SBO1-O5CP DIODE RD2.7M-B2 DIODE RD5.6M-B1		
C803 C804 C805	1-124-257-00 1-124-257-00 1-163-113-00	ELECT 2.2MF ELECT 2.2MF CERAMIC CHIP 68PF	20% 20% 5%	50 V 50 V 50 V	D713 D714 D801				
C806 C807 C808	1-163-113-00 1-163-021-00 1-162-638-11	CERAMIC CHIP 68PF CERAMIC CHIP 0.01MF CERAMIC CHIP 1MF	5% 10%	50V 50V 16V	D803 D804 D805	8-719-100-05 8-719-106-70	DIODE 1S2837 DIODE RD12M-B1 DIODE 1S2837		
C809 C810 C811	1-162-638-11	TANTAL. CHIP 1MF CERAMIC CHIP 1MF CERAMIC CHIP 0.1MF	20%	16V 16V 25V	D807 D808 D809	8-719-100-05	DIODE 1S2837 DIODE 1S2835		
CF702	1-567-338-65	FILTER, CERAMIC FILTER, CERAMIC FILTER, CERAMIC			D810	8-719-911-19	DIODE 1SS119 FILTER, BAND PASS		
		CONNECTOR, FPC (ZIF) 5P SOCKET, CONNECTOR 12P CONNECTOR, FLEXIBLE 4P				8-759-630-75			
CN801 CN802	1-563-589-11 1-563-615-11	CONNECTOR, FLEXIBLE 12P CONNECTOR, FLEXIBLE 12P			IC501	8-759-939-07 8-752-033-55 8-752-033-54			
CNJ40	1 1-562-961-11	JACK (DC IN 9V)				8-759-970-89	·		
CT703	1-141-313-11	CAP, VAR, TRIMMER (CHIP CAP, VAR, TRIMMER (CHIP CAP, VAR, TRIMMER (CHIP	TYPE)		1C504 1C505	8-759-030-17 8-759-230-43			
D322 D401 D402	8-719-938-72 8-719-938-78	DIODE SB01-05CP DIODE SB10-05PCP DIODE RD7.5M-B1			1C602 1C701	8-759-923-96	IC CXK5816M-10L IC CX10053B		
D403 D405 D406	8-719-938-78 8-719-938-78	DIODE SB10-05PCP DIODE SB10-05PCP DIODE 1SS123			10801	8-759-910-53 8-752-804-07 8-759-700-07	IC CXP5086-026Q		
D407 D409 D410	8-719-100-05 8-719-938-75	DIODE 1S2837 DIODE SB05-05CP DIODE SB10-05PCP			J301 J302 J801	1-565-310-11 1-565-311-11 1-562-870-31			
D411 D412 D413	8-719-927-82	DIODE SLP478C DIODE 1S2837			JR304	1-216-295-00 1-216-295-00 1-216-296-00	METAL GLAZE O	5% 5% 5%	1/10W 1/10W 1/8W
D415 D416 D417	8-719-927-82	DIODE SLP478C DIODE SLP478C			JR401	1-216-295-00 1-216-295-00 1-216-295-00	METAL GLAZE 0	5% 5% 5%	1/10W 1/10W 1/10W
D418 D419 D420	8-719-105-91	DIODE RD5.6M-B2 DIODE SB01-05CP			JR404	1-216-295-00 1-216-295-00 1-216-296-00	METAL GLAZE O	5% 5% 5%	1/10W 1/10W 1/8W
D501 D502 D503	8-719-938-72	DIODE SB01-05CP DIODE SB01-05CP			JR502	1-216-295-00 1-216-295-00 1-216-296-00	METAL GLAZE 0	5% 5% 5%	1/10W 1/10W 1/8W
D504 D505 D506	8-719-106-53 8-719-100-05	DIODE RD10M-B2 DIODE 152837 DIODE RD9.1EW			JR703	1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE 0	5% 5% 5%	1/8W 1/8W 1/8W
D507 D601 D701	8-719-911-19 8-719-100-05	DIODE 1SS119 DIODE 1S2837 DIODE SVC203CP			JR707	1-216-295-00 1-216-295-00 1-216-296-00	METAL GLAZE O	5% 5% 5%	1/10W 1/10W 1/8W

Ref.No.	Part No.	Description			Ref.No.	Part No.	Description
JR713 JR714 JR715	1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE 0 METAL GLAZE 0 METAL GLAZE 0	5%	1/8W 1/8W 1/8W	L701 L702 L705	1-459-641-11 1-459-642-11 1-410-209-51	COIL (WITH CORE) COIL (WITH CORE) INDUCTOR CHIP 27UH
JR716 JR717 JR720	1-216-295-00 1-216-295-00 1-216-295-00	METAL GLAZE OF METAL GLAZE OF METAL GLAZE	5%	1/10W 1/10W 1/10W	L706 L708 L710	1-410-196-11 1-410-204-31 1-410-209-51	INDUCTOR CHIP 2.2UH INDUCTOR CHIP 10UH INDUCTOR CHIP 27UH
JR722 JR723 JR724	1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE COMETAL GLAZE COMETAL GLAZE	5%	1/8W 1/8W 1/8W	L711 L712 L713	1-402-381-11 1-410-209-51 1-410-196-11	ANTENNA, FERRITE-ROD (MW) INDUCTOR CHIP 27UH INDUCTOR CHIP 2.2UH
JR725 JR726	1-216-296-00 1-216-296-00	METAL GLAZE C METAL GLAZE C METAL GLAZE C	5%	1/8W 1/8W 1/8W	LCD1 M901	1-808-354-11 X-2641-525-1	LCD MODULE MOTOR ASSY (SLED)
JR727 JR728	1-216-296-00	METAL GLAZE C	5%	1/8W	M902	X-2641-521-1	MOTOR ASSY, T.T. (SPINDLE)
JR729 JR730	1-216-296-00 1-216-296-00	METAL GLAZE C METAL GLAZE C		1/8W 1/8W	MF701 0301	1-567-693-11 8-729-800-36	FILTER, CERAMIC TRANSISTOR 2SD1048
JR731 JR732 JR733	1-216-296-00 1-216-296-00 1-216-295-00	METAL GLAZE C METAL GLAZE C METAL GLAZE C	5%	1/8W 1/8W 1/10W	0302 0303	8-729-800-36 8-729-800-36	TRANSISTOR 2SD1048 TRANSISTOR 2SD1048
JR734 JR735	1-216-296-00 1-216-296-00	METAL GLAZE C		1/8W 1/8W	Q304 Q305 Q306	8-729-800-36 8-729-800-36 8-729-800-36	TRANSISTOR 2SD1048 TRANSISTOR 2SD1048 TRANSISTOR 2SD1048
JR736 JR737 JR738	1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE COMETAL GLAZE COMETAL GLAZE COMETAL GLAZE	5%	1/8W 1/8W 1/8W	Q307 Q401 Q402	8-729-800-36 8-729-901-46 8-729-902-99	TRANSISTOR 2SD1048 TRANSISTOR DTA114YK TRANSISTOR DTC114TK
JR739 JR740	1-216-296-00 1-216-296-00		5%	1/8W 1/8W	Q402 Q403 Q404	8-729-162-44 9-989-161-01	TRANSISTOR 2SB624-BV4 TRANSISTOR 2SC2412K
JR741 JR742	1-216-295-00 1-216-295-00		5%	1/10W 1/10W	0405 0406	8-729-800-36 9-989-161-01	TRANSISTOR 2SD1048 TRANSISTOR 2SC2412K
JR743 JR744 JR745	1-216-296-00 1-216-295-00 1-216-296-00	METAL GLAZE	5% 5% 5%	1/8W 1/10W 1/8W	Q407 Q408	8-729-806-75 8-729-901 - 00	TRANSISTOR 2SB1120 TRANSISTOR DTC124EK
JR746 JR747 JR748	1-216-295-00 1-216-295-00 1-216-295-00	METAL GLAZE C METAL GLAZE C METAL GLAZE C	5%	1/10W 1/10W 1/10W	Q409 Q410 Q412	8-729-100-76 8-729-162-44 8-729-800-36	TRANSISTOR 2SA812 TRANSISTOR 2SB624-BV4 TRANSISTOR 2SD1048
JR749 JR750 JR751	1-216-295-00 1-216-295-00 1-216-295-00	METAL GLAZE (5%	1/10W 1/10W 1/10W	Q413 Q414 Q418	8-729-806-75 8-729-903-10 8-729-901-00	TRANSISTOR 2SB1120 TRANSISTOR FMW1 TRANSISTOR DTC124EK
JR752 JR753 JR754	1-216-295-00 1-216-296-00 1-216-296-00	METAL GLAZE	5% 5%	1/10W 1/8W 1/8W	Q419 Q420 Q421	8-729-901-00 9-989-161-01 8-729-901-05	TRANSISTOR DTC124EK TRANSISTOR 2SC2412K TRANSISTOR DTA124EK
JR757 JR758 JR759	1-216-295-00 1-216-295-00 1-216-295-00	METAL GLAZE (5% 5% 5%	1/10W 1/10W 1/10W	Q422 Q423 Q424	8-729-800-36 8-729-907-28 8-729-903-10	TRANSISTOR 2SD1048 TRANSISTOR IMD3 TRANSISTOR FMW1
L 101 L 102 L 201	1-410-196-11 1-410-196-11 1-410-196-11	INDUCTOR CHIP INDUCTOR CHIP INDUCTOR CHIP	2.2UH 2.2UH 2.2UH		Q501 Q502 Q503	8-729-100-76 8-729-800-36 8-729-902-99	TRANSISTOR 2SA812 TRANSISTOR 2SD1048 TRANSISTOR DTC114TK
L202 L301 L302	1-410-196-11 1-410-196-11 1-410-196-11	INDUCTOR CHIP INDUCTOR CHIP INDUCTOR CHIP	2.2UH 2.2UH 2.2UH		Q504 Q506 Q701	9-989-161-01 8-729-903-29 8-729-200-87	TRANSISTOR 2SC2412K TRANSISTOR DTA144TK TRANSISTOR 2SC2714Y
L401 L402 L403	1-459-842-11 1-412-038-11 1-412-037-11	COIL (WITH CORE INDUCTOR CHIP INDUCTOR CHIP	E) 100UH 47UH		Q702 Q703 Q706	8-729-102-07 8-729-102-08 8-729-102-08	TRANSISTOR 2SC2223-F13 TRANSISTOR 2SC2223-F14 TRANSISTOR 2SC2223-F14
L501 L502 L503	1-412-036-11 1-412-039-51 1-412-038-11	INDUCTOR CHIP INDUCTOR CHIP INDUCTOR CHIP	10UH 100UH 100UH		0707 0708 0710	8-729-159-64 8-729-903-62 8-729-159-64	TRANSISTOR 2SD596 TRANSISTOR 2SD1664-Q TRANSISTOR 2SD596
L504 L505 L506	1-412-038-11 1-412-039-51 1-412-036-11	INDUCTOR CHIP INDUCTOR CHIP INDUCTOR CHIP	100UH 100UH 10UH		Q711 Q712 Q713	8-729-102-26 8-729-100-66 8-729-901-01	TRANSISTOR 2SC1623 TRANSISTOR 2SB624BV4 TRANSISTOR DTC144EK

Ref.No.	Part No.	Description			Ref.No.	Part No.	Description			
Q714 Q715 Q801	8-729-100-66 8-729-901-01 8-729-901-05	TRANSISTOR 2SC162 TRANSISTOR DTC144 TRANSISTOR DTA124	EK		R407 R408 R409	1-216-089-00 1-216-049-00 1-216-077-00	METAL GLAZE METAL GLAZE METAL GLAZE	47K 1K 15K	5% 5% 5%	1/10W 1/10W 1/10W
Q802 Q803	8-729-800-36 8-729-907-28	TRANSISTOR 2SD104 TRANSISTOR IMD3			R410 R411 R412	1-216-083-00 1-216-089-00 1-216-093-00	METAL GLAZE METAL GLAZE METAL GLAZE	27K 47K 68K	5% 5% 5%	1/10W 1/10W 1/10W
R101	1-216-329-11	METAL GLAZE 5.1		1/10W	R413	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R102	1-216-336-11	METAL GLAZE 47K		1/10W	R414	1-216-055-00	METAL GLAZE	1.8K	5%	1/10W
R103	1-216-333-11	METAL GLAZE 15K		1/10W	R415	1-216-339-11	METAL GLAZE	18K	1%	1/10W
R104	1-218-160-11	METAL GLAZE 43K	K 1%	1/10W	R416	1-216-335-11	METAL GLAZE	24K	1%	1/10W
R105	1-216-328-11	METAL GLAZE 4.3		1/10W	R417	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R106	1-216-333-11	METAL GLAZE 15K		1/10W	R418	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R107	1-216-063-00	METAL GLAZE 3.9	K 5%	1/10W	R419	1-216-045-00	METAL GLAZE	680	5%	1/10W
R108	1-216-053-00	METAL GLAZE 1.5		1/10W	R420	1-216-041-00	METAL GLAZE	470	5%	1/10W
R109	1-216-077-00	METAL GLAZE 15K		1/10W	R421	1-216-092-00	METAL GLAZE	62K	5%	1/10W
R110	1-216-009-00	METAL GLAZE 22		1/10W	R422	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W
R111	1-216-073-00	METAL GLAZE 10K		1/10W	R423	1-216-045-00	METAL GLAZE	680	5%	1/10W
R112	1-216-033-00	METAL GLAZE 220		1/10W	R424	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R113	1-216-081-00	METAL GLAZE 22K	K 5%	1/10W	R425	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R114	1-216-053-00	METAL GLAZE 1.5		1/10W	R426	1-216-033-00	METAL GLAZE	220	5%	1/10W
R115	1-216-073-00	METAL GLAZE 10K		1/10W	R427	1-216-056-00	METAL GLAZE	2K	5%	1/10W
R116	1-216-097-00	METAL GLAZE 100	K 1%	1/10W	R428	1-216-062-00	METAL GLAZE	3.6K	5%	1/10W
R201	1-216-329-11	METAL GLAZE 5.1		1/10W	R429	1-216-095-00	METAL GLAZE	82K	5%	1/10W
R202	1-216-336-11	METAL GLAZE 47K		1/10W	R430	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R203	1-216-333-11	METAL GLAZE 15K		1/10W	R431	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R204	1-218-160-11	METAL GLAZE 43K		1/10W	R432	1-216-043-00	METAL GLAZE	560	5%	1/10W
R205	1-216-328-11	METAL GLAZE 4.3		1/10W	R434	1-216-043-00	METAL GLAZE	560	5%	1/10W
R206 R207 R208	1-216-333-11 1-216-063-00 1-216-053-00	METAL GLAZE 15K METAL GLAZE 3.9 METAL GLAZE 1.5	K 5%	1/10W 1/10W 1/10W	R436 R437 R438	1-216-694-11 1-216-686-11 1-216-053-00	METAL CHIP METAL CHIP METAL GLAZE	62K 30K 1.5K	0.50%	1/10W 1/10W 1/10W
R209 R210 R211	1-216-077-00 1-216-009-00 1-216-073-00	METAL GLAZE 15K METAL GLAZE 22 METAL GLAZE 10K	5%	1/10W 1/10W 1/10W	R439 R440 R441	1-216-695-11 1-216-073-00 1-216-049-00	METAL CHIP METAL GLAZE METAL GLAZE	68K 10K 1K		1/10W 1/10W 1/10W
R212	1-216-182-00	METAL GLAZE 220	5%	1/8W	R442	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R213	1-216-081-00	METAL GLAZE 22K		1/10W	R443	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R214	1-216-053-00	METAL GLAZE 1.5		1/10W	R446	1-216-009-00	METAL GLAZE	22	5%	1/10W
R215	1-216-073-00	METAL GLAZE 100		1/10W	R448	1-216-041-00	METAL GLAZE	470	5%	1/10W
R216	1-216-097-00	METAL GLAZE 100		1/10W	R449	1-216-748-11	METAL GLAZE	39K	1%	1/10W
R303	1-216-121-00	METAL GLAZE 1M		1/10W	R450	1-216-115-00	METAL GLAZE	560K	5%	1/10W
R304	1-216-059-00	METAL GLAZE 2.7	K 5%	1/10W	R451	1-216-115-00	METAL GLAZE	560K	5%	1/10W
R305	1-216-019-00	METAL GLAZE 56	5%	1/10W	R452	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R312	1-216-069-00	METAL GLAZE 6.8	K 5%	1/10W	R501	1-216-024-00	METAL GLAZE	91	5%	1/10W
R319	1-216-113-00	METAL GLAZE 470		1/10W	R502	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R320	1-216-113-00	METAL GLAZE 470		1/10W	R503	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R321	1-216-069-00	METAL GLAZE 6.8		1/10W	R504	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R323	1-216-077-00	METAL GLAZE 15K		1/10W	R506	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R324	1-216-077-00	METAL GLAZE 15K		1/10W	R508	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R325	1-216-019-00	METAL GLAZE 56		1/10W	R509	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R326	1-216-019-00	METAL GLAZE 56		1/10W	R510	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R327	1-216-057-00	METAL GLAZE 2.2		1/10W	R511	1-216-150-00	METAL GLAZE	10	5%	1/8W
R328	1-216-057-00	METAL GLAZE 2.2		1/10W	R512	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R401	1-216-077-00	METAL GLAZE 15K	5%	1/10W	R513	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R402	1-216-089-00	METAL GLAZE 47K		1/10W	R514	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R403	1-216-089-00	METAL GLAZE 47K		1/10W	R515	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R404 R405 R406	1-216-037-00 1-216-067-00 1-216-081-00	METAL GLAZE 330 METAL GLAZE 5.6 METAL GLAZE 22K	K 5%	1/10W 1/10W 1/10W	R516 R517 R518	1-216-121-00 1-216-093-00 1-216-097-00	METAL GLAZE METAL GLAZE METAL GLAZE	1M 68K 100K	5% 5%	1/10W 1/10W 1/10W

Ref.No.	Part No.	Description				Ref.No.	Part No.	Description			
R519	1-216-119-00	METAL GLAZE	820K	5%	1/10W	R706	1-216-025-00	METAL GLAZE	100	5%	1/10W
R520	1-216-095-00	METAL GLAZE	82K	5%	1/10W	R707	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R521	1-216-095-00	METAL GLAZE	82K	5%	1/10W	R708	1-216-017-00	METAL GLAZE	47	5%	1/10W
R522	1-216-081-00	METAL GLAZE	22K	5%	1/10W	R709	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R523	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W	R710	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R524	1-216-089-00	METAL GLAZE	47K	5%	1/10W	R711	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R525	1-216-097-00	METAL GLAZE	100K	5%	1/10W	R712	1-216-091-00	METAL GLAZE	56K	5%	1/10W
R526	1-216-114-00	METAL GLAZE	510K	5%	1/10W	R713	1-216-013-00	METAL GLAZE	33	5%	1/10W
R528	1-216-077-00	METAL GLAZE	15K	5%	1/10W	R714	1-216-091-00	METAL GLAZE	56K	5%	1/10W
R529	1-216-686-11	METAL CHIP	30K	0.50%		R715	1-216-041-00	METAL GLAZE	470	5%	1/10W
R530	1-216-686-11	METAL CHIP	30K	0.50%		R716	1-216-037-00	METAL GLAZE	330	5%	1/10W
R531	1-216-059-00	METAL GLAZE	2.7K	5%		R725	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R532	1-216-103-00	METAL GLAZE	180K	5%	1/10W	R726	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R533	1-216-062-00	METAL GLAZE	3.6K	5%	1/10W	R727	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R534	1-216-121-00	METAL GLAZE	1M	5%	1/10W	R728	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R536	1-216-099-00	METAL GLAZE	120K	5%	1/10W	R729	1-216-180-00	METAL GLAZE	180	5%	1/8W
R537	1-216-083-00	METAL GLAZE	27K	5%	1/10W	R730	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R538	1-216-094-00	METAL GLAZE	75K	5%	1/10W	R731	1-216-055-00	METAL GLAZE	1.8K	5%	1/10W
R539	1-216-094-00	METAL GLAZE	75K	5%	1/10W	R732	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R540	1-216-086-00	METAL GLAZE	36K	5%	1/10W	R733	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R544	1-216-077-00	METAL GLAZE	15K	5%	1/10W	R734	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R545	1-216-121-00	METAL GLAZE	1M	5%	1/10W	R735	1-216-063-00	METAL GLAZE	3.9K	5%	1/10W
R546	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	R736	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R547	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	R737	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R548	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	R738	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R549	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	R739	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R550	1-216-049-00	METAL GLAZE	1K	5%	1/10W	R740	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R551	1-216-049-00	METAL GLAZE	1K	5%	1/10W	R741	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R552	1-216-081-00	METAL GLAZE	22K	5%	1/10W	R742	1-216-037-00	METAL GLAZE	330	5%	1/10W
R553	1-216-049-00	METAL GLAZE	1K	5%	1/10W	R743	1-216-033-00	METAL GLAZE	220	5%	1/10W
R554	1-216-033-00	METAL GLAZE	220	5%	1/10W	R744	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R555	1-216-081-00	METAL GLAZE	22K	5%	1/10W	R745	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R556	1-216-073-00	METAL GLAZE	10K	5%	1/10W	R747	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R557	1-216-049-00	METAL GLAZE	1K	5%	1/10W	R749	1-216-037-00	METAL GLAZE	330	5%	1/10W
R558	1-216-073-00	METAL GLAZE	10K	5%	1/10W	R750	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R559	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	R753	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R560	1-216-129-00	METAL GLAZE	4.7K	5%	1/10W	R755	1-216-093-00	METAL GLAZE	68K	5%	1/10W
R561	1-216-065-00	METAL GLAZE		5%	1/10W	R756	1-216-198-00	METAL GLAZE	1K	5%	1/8W
R601	1-216-097-00	METAL GLAZE		5%	1/10W	R761	1-216-013-00	METAL GLAZE	33	5%	1/10W
R602	1-216-089-00	METAL GLAZE	47K		1/10W	R762	1-216-063-00	METAL GLAZE	3.9K	5%	1/10W
R701	1-216-081-00	METAL GLAZE	22K		1/10W	R763	1-216-150-00	METAL GLAZE	10	5%	1/8W
R702	1-216-025-00	METAL GLAZE	100		1/10W	R764	1-216-013-00	METAL GLAZE	33	5%	1/10W
R703 R704 R705	1-216-059-00 1-216-059-00 1-216-113-00	METAL GLAZE METAL GLAZE METAL GLAZE	2.7K		1/10W 1/10W 1/10W	R765 R768 R769	1-216-013-00 1-216-055-00 1-216-081-00	METAL GLAZE METAL GLAZE METAL GLAZE	33 1.8K 22K	5% 5% 5%	1/10W 1/10W 1/10W

Ref.No.	Part No.	Description
R770	1-216-097-00	METAL GLAZE 100K 5% 1/10W
R771	1-216-033-00	METAL GLAZE 220 5% 1/10W
R772	1-216-025-00	METAL GLAZE 100 5% 1/10W
R773	1-216-049-00	METAL GLAZE 1K 5% 1/10W
R801	1-216-089-00	METAL GLAZE 47K 5% 1/10W
R802	1-216-238-00	METAL GLAZE 47K 5% 1/8W
R803	1-216-109-00	METAL GLAZE 330K 5% 1/10W
R804	1-216-041-00	METAL GLAZE 470 5% 1/10W
R806	1-216-089-00	METAL GLAZE 47K 5% 1/10W
R807	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R808	1-216-053-00	METAL GLAZE 1.5K 5% 1/10W
R809	1-216-059-00	METAL GLAZE 2.7K 5% 1/10W
R810	1-216-071-00	METAL GLAZE 8.2K 5% 1/10W
R811	1-216-077-00	METAL GLAZE 15K 5% 1/10W
R812	1-216-077-00	METAL GLAZE 15K 5% 1/10W
R813	1-216-077-00	METAL GLAZE 15K 5% 1/10W
R814	1-216-061-00	METAL GLAZE 3.3K 5% 1/10W
RV301	1-237-092-11	RES, VAR, CARBON 10K/10K (VOL)
RV401	1-228-993-00	RES, ADJ, CARBON 5K
RV501	1-228-996-00	RES, ADJ, CARBON 50K
RV502	1-228-996-00	RES, ADJ, CARBON 50K
RV503	1-228-995-00	RES, ADJ, CARBON 20K
RV504	1-230-526-11	RES, ADJ, METAL GLAZE 47K
RV505	1-228-990-00	RES, ADJ, CARBON 1K
RV701	1-230-602-11	RES, ADJ, METAL GLAZE 4.7K
RV702	1-228-356-00	RES, ADJ, METAL GLAZE 22K
RV703	1-228-356-00	RES, ADJ, METAL GLAZE 22K
RV704	1-237-139-11	RES, VAR, CARBON 100K (TUNING)
S401	1-554-843-11	SWITCH, SLIDE (FUNCTION)
\$701	1-570-397-11	SWITCH, SLIDE (FM MODE)
S702	1-570-402-11	SWITCH, SLIDE (BAND)
S801	1-554-911-11	SWITCH, LEAF (OPEN)
\$803	1-554-371-51	SWITCH, TACT (> II)
\$804	1-554-371-51	SWITCH, TACT ()
S805	1-554-371-51	SWITCH, TACT (►►)
\$806	1-554-371-51	SWITCH, TACT (►)
S807	1-571-484-11	SWITCH, KEY BOARD (MODE)
S901	1-570-112-11	SWITCH, LEAF (LIMIT SWITCH)

Ref	.No.	Part No.	Description
т	701	1-404-690-1	1 TRANSFORMER, IF
	702	1-406-177-1	
	703	1-448-302-1	
	601 801	1-567-737-1 1-567-094-0	ll VIBRATOR, CRYSTAL (16.9344MHz) DO VIBRATOR, CERAMIC (3.58MHz)
^	001	1 307 034 (TENATORY CERAMIC (3:30M2)
	A.C.	CECCUDY & DI	ACKING MATERIAL
	AC	CESSORI & FA	ACKING PATERIAL
	A.1-	463-694-11	(Canadian)ADAPTOR, AC (AC-930A)
		463-700-11	(UK)ADAPTOR, AC (AC-930A)
		463-701-11	(Australian)ADAPTOR, AC (AC-930A)
			,
	1.1 −4	463-702-11	(E) ADAPTOR, AC (AC-950W)
	1.1−	463-705-11	(AEP, French, Italian) ADAPTOR, AC (AC-930 AEP)
	1.1 −€	463-968-11	(US)ADAPTOR, AC (AC-940)
	1.1 −	526-565-00	(E)AC PLUG ADAPTROR
		528-220-11	BATTERY, STORAGE, LEAD (BP-3)
		555-658-21	CORD, CONNECTION
	3-	764-970-11	(UK)INSTRUCTION
	2	760 000 11	(AEP, UK, E, French, Australian, Italian)
	3	769-980-11	MANUAL, INSTRUCTION
	2_	769-980-21	(US,Canadian)MANUAL, INSTRUCTION
		769-980-21	(Canadian)MANUAL, INSTRUCTION
		769-980-41	(AEP, Italian)MANUAL, INSTRUCTION
	J	703 300 41	(Mar, realitar) Philone; INSTRUCTION
	*4	917-797-01	(UK)CARTON, HEADPHONE
		920-407-01	BAG, PROTECTION
		924-121-01	CASE, ACCESSORY
	4-	924-126-01	(EXCEPT FOR French)BELT, CARRYING
	4-	924-174-01	(French)BELT, HAND
		924-752-01	(US)INDIVIDUAL CARTON
		924-754-01	(Canadian)INDIVIDUAL CARTON
		924-756-01	(UK)INDIVIDUAL CARTON
	*4-	924-757-01	(AEP, E, French, Australian, Italian)
			INDIVIDUAL CARTON
		004 777 01	CACE CARRING
		924-777-01	CASE, CARRING
		924-798-01	CUSHION (L,R)
	8-	952-266-89	(UK)HEADPHONE MDR-A10L/A SET

The components identified by mark A or dotted line with mark A are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque A sont critiques pour la sécurité.

Ne les remplacer que par une pièce portant le numéro spécifié.